

For June 15

James A. Watson
Rear Admiral, USCG
Federal On-Scene Coordinator

June 14, 2010

Dear Admiral Watson:

In compliance with the May 26, 2010, Dispersant Monitoring and Assessment Directive - Addendum 3 (the "Directive"), Houma Unified Command has eliminated the surface application of dispersants, except in cases where an exemption is requested and justified, and approved by the Federal On-Scene Coordinator.

Houma Unified Command has nine (9) spotter visual reports from 13 June of multiple slicks of dispersible oil (Attachment 1) and the NOAA Surface Oil Forecast for 14 June shows extensive areas of heavy and medium oil (Attachment 2). Weather forecast indicates excellent flying weather with winds of 6-8 knots, wave height 1 foot, ceilings unlimited and visibility 10 nm.

Houma Unified Command anticipates that, due to the weather, location, distribution (4,500 sqmi) and size of the multiple oil slicks identified the use of mechanical recovery and ISB to recover or remove the oil in the target area will be insufficient to remove the spill volume on June 15, 2010. Prior to spray operations the spotter aircraft will identify the highest value targeted slicks and will direct spray aircraft to the heaviest portions of the slick.

Pursuant to a request this date from Unified Command, the following information is provided.

- Estimated size of identified dispersible oil slick targets proposed in designated zones: this information is included in Table 1 with the estimate of the amount of dispersant needed to treat these slicks.
- Explicit justification for why these targets can't be skimmed or addressed by other mechanical means: The use of mechanical recovery to recover or remove the oil in the identified target areas will be insufficient to remove the estimated dispersible oil volumes that we have estimated for tomorrow. The targeted oil herein is dispersible oil and dispersible oil is not the only oil demanding mechanical recovery assets. The geographic area of the spill site contains a combination of dispersible oil, heavy sheens and emulsified oil. Mechanical recovery devices are required elsewhere throughout the entire geographic area to address all areas and all oils that can be recovered mechanically and not just the dispersible oils and are therefore otherwise engaged. Generally the skimming vessels are concentrated near the source site so that they can remain in the

Rear Admiral James A. Watson

June 13, 2010

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heaviest oil and collect the highest volume of oil. Other skimming assets are deployed nearshore to recover oil before it comes ashore.

- Tabulation of number of assets (skimmers, etc.) in service today and how many assets are available yet not in service: A daily summation of skimmers in the source area and outside the source is now being provided daily to the Aerial Dispersant Group for insertion in this report (Attachment 3). Our review of the assets listed below reveal that they are engaged in skimming operations with some out of service for various reasons.
- It is planned to conduct multiple Tier 1 helicopter SMART overflights to observe dispersant operations. Additionally, the M/V *International Peace* is planned to conduct water chemistry and toxicology sampling. These operations depend upon approval to apply dispersants either aerial or with boat spray systems onboard the M/V *International Peace*.

Accordingly, in accordance with the Directive, the Houma Unified Command respectfully requests an exemption to apply EC9500A in volumes on oil slicks located today shown in Table 1 not to exceed 23,000 gallons for a period not to exceed 12 hours.

Sincerely,

Houma Unified Command

Exemption approved subject to the above:



Date:

6/15/2010

For James A. Watson
Rear Admiral, USCG
Federal On-Scene Coordinator

Dispersant Zone Map for 15 June 2010 with Oil Targets from Spotter Operations on 14 June

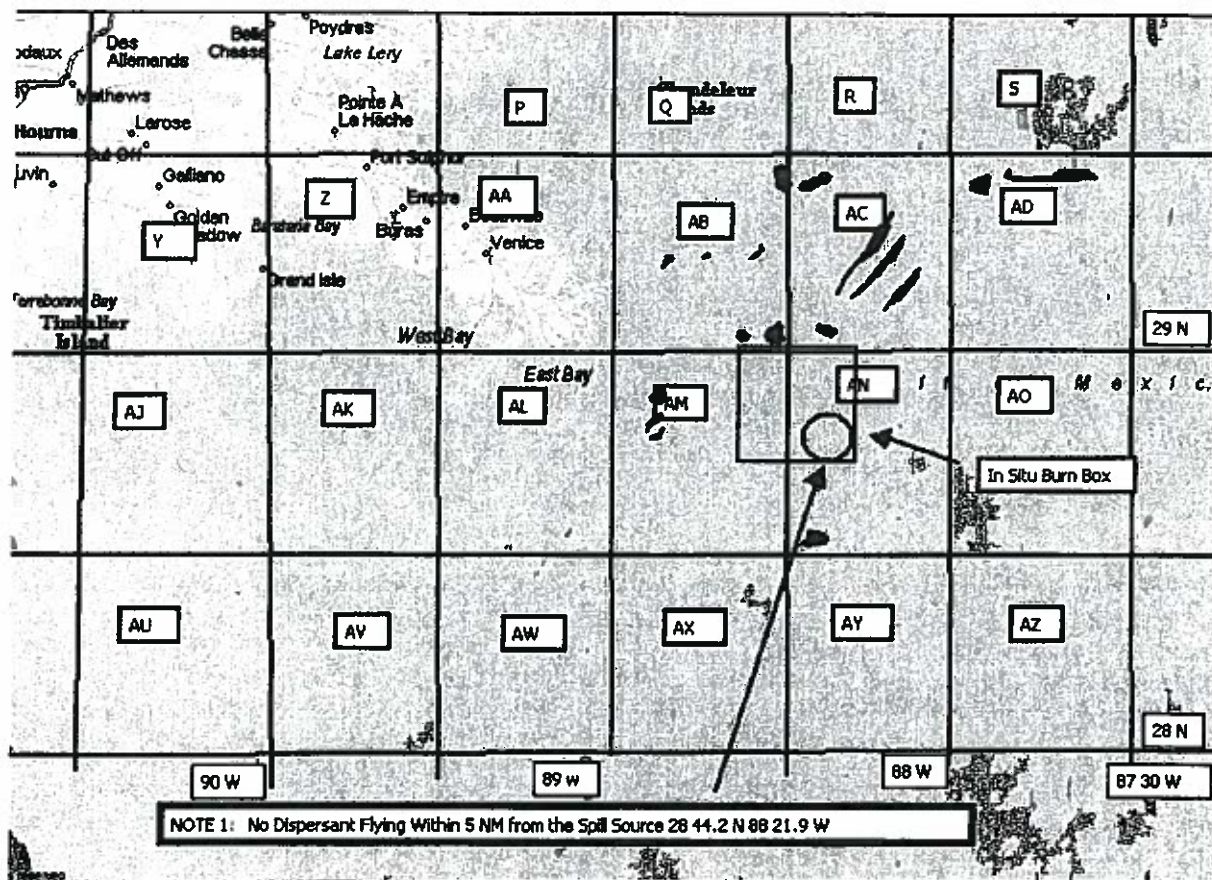


TABLE 1
Dispersible Oil Report June 14, 2010

	Zone	Estimated Area (sq.mi)	Estimated percentage dispersible oil	Dispersant Needed (1/20 DOR)
Priority 1	AD	900	.2	5,600
Priority 2	AC	900	1.0	13,440
Priority 3	AB	900	.01	1,120
Priority 4	AM	900	.02	1,440
Priority 5	AN	900	.01	1,120
Total		4,500		22,720

Note: Table 1 shows our intentions based upon our observations the day before these actions take place. Size and location of slicks will change. Activities within slick areas e.g., skimming operations, in-situ burning, etc., or weather conditions may require revisions to the actual operational plan implemented.

Attachment 2

Nearshore Surface Oil Forecast Deepwater Horizon MC252

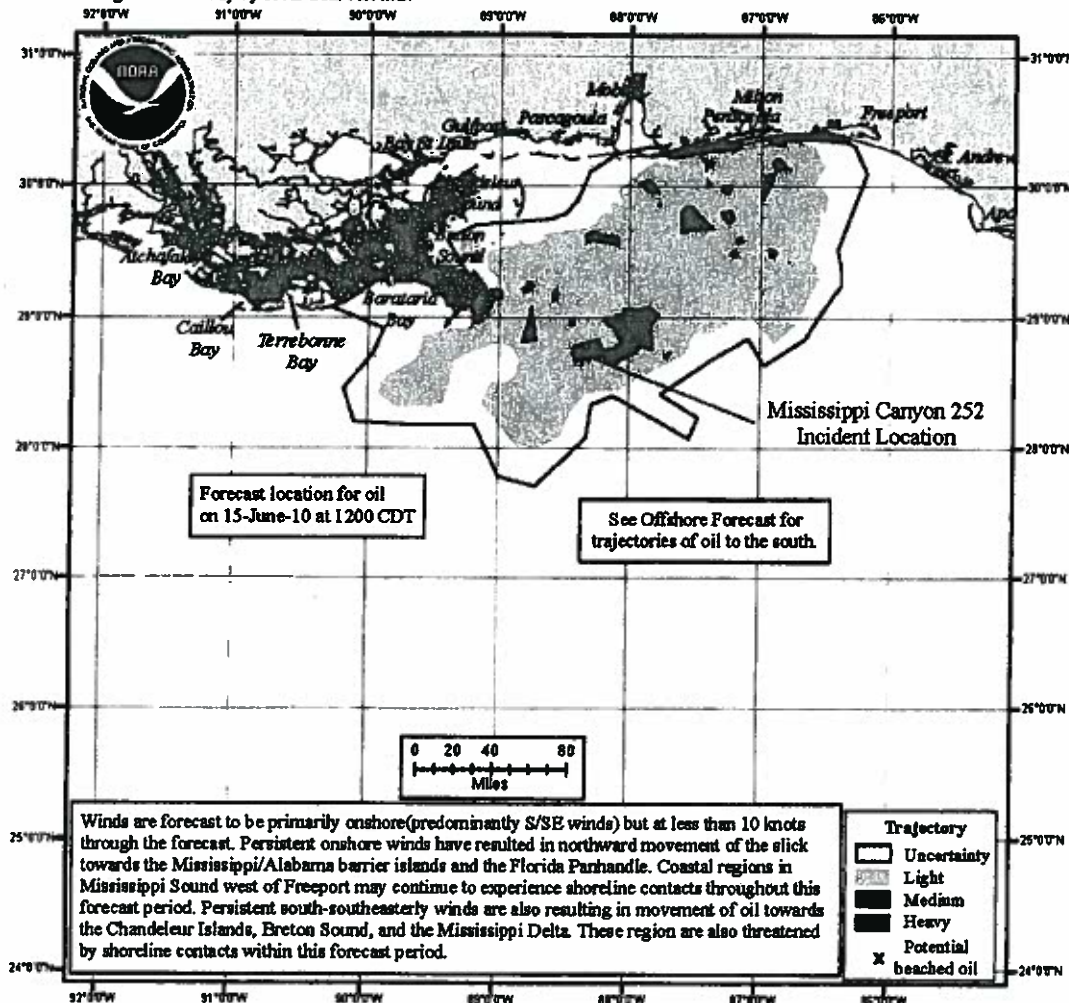
NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Tuesday, 6/15/10

Date Prepared: 2100 CDT, Sunday, 6/13/10

This forecast is based on the NWS spot forecast from Sunday, June 13 PM. Currents were obtained from several models (NOAA Gulf of Mexico, West Florida Shelf/USF, NAVO/NRL) and HFR measurements. The model was initialized from Sunday satellite imagery analysis (NOAA/NESDIS) and overflight observations. The leading edge may contain turballs that are not readily observable from the imagery (hence not included in the model initialization). Oil near bay inlets could be brought into that bay by local tidal currents.



this scale bar shows the meaning of the distribution terms at the current time

Next Forecast:
 June 14th PM

Attachment 3

Offshore Skimming Resources

		SOURCE		Date/Time 14 June 1200				
Designator	Kind / Type	Vessel	Assignment	Status	Location			
402	TV1	MSRC 402 Barge (Timberly Colley)	TF Storage	On-scene	MC-252			
452	TV1	MSRC 452 Barge (Tara Crosby)	TF Storage	Standby	Ft Jackson			
570	TV1	MSRC 570 Barge (Crosby Clipper)	TF Storage	Standby	Pilot Town			
155	TV1	K-Sea DRL-155 (Rebel)	TF Storage	On-scene	MC-253			
Costner	TV1	Energy 2001 (Superior Service)	OTF Storage	On-scene	MC-253			
Boom Boats								
Designator	Vessel		Assignment	Status		ETA		
CC	Chanese G		Central	Standby		Venice		
SF	Sea Fox		Central	Standby		Venice		
MSF	Ms. Addison		Central	Mechanical		Venice		
JN	Julienne Marie		Central	Standby		Venice		
SH	Sea Hawk		Central	Standby		Venice		

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[illegible]

Freedhoff, Michal

From: Deepwater Horizon Response External Affairs [donotreply@deepwaterhorizonresponse.com]
Sent: Tuesday, June 15, 2010 9:40 PM
To: Freedhoff, Michal
Subject: The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

DATE: June 15, 2010 20:35:13 CST

The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

Key contact numbers

Deep

- Report oiled shoreline or request volunteer information: (866) 448-5816
- Submit alternative response technology, services or products: (281) 366-5511
- Submit your vessel for the Vessel of Opportunity Program: (281) 366-5511
- Submit a claim for damages: (800) 440-0858
- Report oiled wildlife: (866) 557-1401
- Medical support hotline: (888) 623-0287

The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

Prepared by the Joint Information Center

UPDATED June 15, 2010 7 PM

** For a full timeline of the Administration-wide response, visit the White House Blog.*

PAST 24 HOURS

The President Addresses the American People on the Ongoing Historic Response

In his first Oval Office address of his presidency, President Obama outlined his commitment to fighting everything we've got for as long as it takes.

Response to the Oil Spill

The President outlined the strength of the largest environmental cleanup effort in American history to combat a disaster America has ever faced. From day one, the Obama Administration has been committed to coordinating and extending to the people of the Gulf the help they need to confront what is the worst environmental disaster in our country. We will continue to fight this spill with everything we've got for as long as it takes. We will make BP pay for the damage it has caused our country. And we will do whatever is necessary to help the Gulf Coast and its people recover.

Recovery and Restoration

The President announced that Navy Secretary Ray Mabus will develop a long-term Gulf Coast Restoration Plan that will help coastal communities, tribes, fishermen, businesses, conservationists, and other Gulf residents. The administration will work with the states to implement creative approaches to their unique coastlines, and will offer whatever additional resources are needed.

The President is meeting tomorrow with the chairman of BP and will inform him that he is to set aside any claims against BP, compensate the workers and business owners who have been harmed as a result of his company's retraction, and instead by an independent third party in order to ensure all legitimate claims are paid out in full.

Preventing Future Disasters

The President laid out the steps the administration is taking to ensure a disaster like this does not happen again. He has directed the National Commission to understand the causes of this disaster and offer recommendations on what actions to take.

standards need to be put in place; and tough reforms to ensure more effective oversight and end the close relationship between oil companies and the agency that regulates them.

Our Country's Energy Future

The President stressed the need for urgent action to move forward with innovative energy policies that will ensure the end of America's reliance on fossil fuels and a clean energy future. This Administration has taken unprecedented action to jumpstart the clean energy industry, and the President emphasized the need to match these actions by a comprehensive plan that transitions the United States to a 21st-century clean-energy economy—and committed to working with partners of both parties in Congress to get it done.

The President Announces His Selection to Fix Oil Industry Oversight

The President today announced his selection of former Assistant U.S. Attorney and Justice Department Inspector General Michael R. Bromwich to lead the administration's efforts to accelerate reforms in the regulation and oversight of offshore oil drilling. Bromwich will oversee reforms of the Minerals Management Service, restoring integrity and rigor to the relationship between federal regulatory officials and oil companies.

President Obama Wraps Up His Fourth Trip to Gulf Coast

Continuing his fourth trip to the Gulf Coast, President Obama spent the morning in Florida, where he received a briefing from National Incident Commander Admiral Thad Allen and met with local officials to discuss efforts to fight the BP oil spill on Pensacola Beach.

Before returning to Washington, the President delivered remarks at an event with military personnel at the Naval Air Station Pensacola's Naval Air Technical Training Center—discussing the overall response and the vital contributions of America's military forces.

U.S. Scientific Team Draws on New Data, Multiple Scientific Methodologies to Reach Updated Estimate of Oil Flows from BP's Well

Based on updated information and scientific assessments, Energy Secretary Steven Chu, Interior Secretary Ken Salazar, and Chair of the National Incident Command's Flow Rate Technical Group (FRTG) Dr. Marcia McNitt (Director of the U.S. Geological Survey) announced an improved estimate of how much oil is flowing from the leaking BP well.

Secretary Chu, Secretary Salazar, and Dr. McNitt convened a group of federal and independent scientists on Monday to discuss new analyses and data points obtained over the weekend to produce updated flow rate estimates. Working together, U.S. government and independent scientists estimate that the most likely flow rate of oil today is between 35,000 and 60,000 barrels per day. The improved estimate is based on more and better data that is now available and that helps increase the scientific confidence in the accuracy of the estimate.

At the Government's Direction, BP Makes Progress in Expanding Containment Capacity

Under the federal government's direction, BP is implementing multiple strategies to significantly expand the leak containment capabilities at the sea floor even beyond the upper level of the improved flow rate estimate. The Lower Marine Riser Package cap that is currently in place can capture up to 18,000 barrels of oil per day. BP is deploying a second containment option, called the Q4000, which could expand total leak containment capacity to 20,000-28,000 barrels per day. Overall, the leak containment strategy that BP was required by the federal government to develop projects an expanded containment capacity to 40,000-53,000 barrels per day by the end of June and 60,000-80,000 barrels per day by mid-July.

Admiral Allen Ensures Expedited Jones Act Waiver Processing Should It Be Needed

Admiral Allen announced the development of specific guidance to ensure accelerated processing of requests for Jones Act waivers should they be received as a part of the BP oil spill response. Currently, 15 foreign-flagged vessels are involved in cleanup efforts. No Jones Act waivers have been granted because none of these vessels have required such a waiver to conduct their operations in the Gulf of Mexico.

To date, the administration has leveraged assets and skills from numerous foreign countries and international organizations as part of this historic, all-hands-on-deck response, including Canada, Germany, Mexico, Netherlands, Norway, the United Nations' International Maritime Organization and the European Union's Monitoring and Information Centre.

Administration Convenes Oil Industry Executives to Assist Response Efforts

At the direction of the President, Secretary Salazar and Secretary Chu convened a meeting with oil industry executives to review BP's updated containment plans and identify additional resources that could be brought to bear to build upon what is already the largest cleanup effort in the nation's history. While the companies have already offered and provided expertise and resources, the meeting was an opportunity to update those efforts based on the expanded and accelerated containment plan that the government recently directed BP to develop.

EPA Holds Stakeholder Call on Environmental Justice Issues Related to BP Spill

EPA Administrator Lisa Jackson joined other top EPA officials to participate in the National Environmental Justice Advisory Council (NEJAC)

public teleconference meeting to discuss the agency's preparedness and response to the BP oil spill. NEJAC is EPA's independent advisory committee on environmental issues affecting underrepresented groups—with representatives from community, academia, industry, environmental, indigenous, as well as state, local, and tribal government groups—who meet to discuss how to define and find solutions to environmental justice problems.

NOAA Ship *Thomas Jefferson* Returns to Sea for Second Research Mission

Building upon research from its first mission and research from the NOAA Ship *Gordon Gunter*, the 208-foot *Thomas Jefferson* today departed Galveston, Texas, to continue research on the BP oil spill's impact on the Gulf of Mexico. During the three-week mission, the research vessel will collect air samples in the areas around the well head and use sophisticated acoustic and water chemistry monitoring instruments to detect and map submerged oil.

EPA Continues to Monitor Air, Water and Sediment Quality in the Gulf

According to the most recent sample data, the Environmental Protection Agency found elevated levels of nickel above benchmark levels for aquatic life. This might affect fish and shellfish exposed for an extended period. It is unlikely that the contamination resulted from the BP Spill.

The most recent sediment samples indicate that there may be risks to aquatic life from pollutants in sediment at some locations. It is unknown whether the sediment contamination resulted from the BP Spill or was already present. For more information, visit www.epa.gov/bpoilspill.

Admiral Allen Establishes Officials to Lead Response for Alabama, Mississippi and Florida

At the authorization of the President and Homeland Security Secretary Janet Napolitano, National Incident Commander Admiral Thad Allen has directed the establishment of three Deputy Incident Commanders to lead oil impact mitigation and cleanup efforts in Alabama, Mississippi and Florida.

These officials will serve under the Mobile, Ala., Incident Command Post, which reports to the Unified Area Command based in Louisiana. Placing these Deputy Incident Commanders across affected Gulf Coast states will further increase the administration's capabilities to coordinate closely with local governments and meet the needs of individual communities.

NOAA and Coast Guard Seize Shrimp Taken from Closed Fishing Area in Gulf

As part of continued efforts to ensure the safety of seafood from the Gulf of Mexico and protect consumers, NOAA and the Coast Guard today announced that approximately 19,000 pounds of shrimp caught in a closed fishing area 13 miles south of Belle Pass, La., was seized over the weekend as a result of a tip received on the NOAA Office of Law Enforcement Hotline.

To date, 78,264 square miles—approximately 32 percent—of federal waters in the Gulf of Mexico have been closed to commercial and recreational fishing as a precautionary measure to ensure that seafood from the Gulf remains safe for consumers. The closed area does not apply to any state waters. Details can be found at <http://sero.nmfs.noaa.gov/>. Fisherman and consumers are encouraged to report potential seafood safety issues to (888) INFO-FDA.

Approved SBA Economic Injury Assistance Loans Surpass \$3.9 Million

SBA has approved 66 economic injury assistance loans to date, totaling more than \$3.9 million for small businesses in the Gulf Coast impacted by the BP oil spill. Additionally, the agency has granted deferments on 386 existing SBA disaster loans in the region, totaling more than \$1.75 per month in payments. For information on assistance loans for affected businesses, visit the SBA's Web site at www.sba.gov/services/disasterassistance, call (800) 659-2955 (800-877-8339 for the hearing impaired), or email disastercustomerservice@sba.gov.

Administration Continues to Oversee BP's Claims Process

The administration will continue to hold the responsible parties accountable for repairing the damage, and repaying Americans who've suffered a financial loss as a result of the BP oil spill. BP reports that 54,400 claims have been opened, from which more than \$70.3 million have been disbursed. No claims have been denied to date. There are 671 claims adjusters on the ground. To file a claim, visit www.bp.com/claims or call BP's helpline at 1-800-440-0858. Those who have already pursued the BP claims process and are not satisfied with BP's resolution can call the Coast Guard at (800) 280-7118. Additional information about the BP claims process and all available avenues of assistance can be found at www.disasterassistance.gov.

Administration Holds its Second Meeting with BP Claims Officials, in Mississippi

Federal officials met in Mississippi with state leadership and top BP claims officials to ensure that BP's claims process is transparent, prompt, and responsive to the unique needs of the impacted communities citizens and businesses. The initial meeting was held in Louisiana late last week.

Meetings for Alabama and Florida will be scheduled in the coming days.

President Signs Bill into Law Lifting Oil Spill Liability Trust Fund Spending Cap

The President signed into law an amendment to the Oil Pollution Act of 1990 to authorize advances from Oil Spill Liability Trust Fund for the Deepwater Horizon oil spill—authorizing the Coast Guard to obtain multiple advances (up to \$100 million each), with the total amount of all advances not to exceed the incident cap under current law (\$1 billion), from the Oil Spill Liability Trust Fund to underwrite federal response activities with regard to the discharge of oil that began in connection with the explosion on, and sinking of, the mobile offshore oil unit Deepwater Horizon.

By the Numbers to Date:

- The administration has authorized 17,500 National Guard troops from Gulf Coast states to participate in the response to the BP oil spill.
- Approximately 29,700 personnel are currently responding to protect the shoreline and wildlife and cleanup vital coastlines.
- More than 8,100 vessels are currently responding on site, including skimmers, tugs, barges, and recovery vessels to assist in containment and cleanup efforts—in addition to dozens of aircraft, remotely operated vehicles, and multiple mobile offshore drilling units.
- Approximately 2.37 million feet of containment boom and 3.3 million feet of sorbent boom have been deployed to contain the spill—and approximately 480,000 feet of containment boom and 1.8 million feet of sorbent boom are available.
- Approximately 20.7 million gallons of an oil-water mix have been recovered.
- Approximately 1.28 million gallons of total dispersant have been applied—882,000 on the surface and 402,000 subsea. More than 500,000 gallons are available.
- More than 205 controlled burns have been conducted, efficiently removing a total of more than 5 million gallons of oil from the open water in an effort to protect shoreline and wildlife.
- 17 staging areas are in place to protect sensitive shorelines.
- Approximately 64.4 miles of Gulf Coast shoreline is currently experiencing impacts from BP's leaking oil—34.8 miles in Louisiana, 7.5 miles in Mississippi, 11.7 miles in Alabama, and 10.4 miles in Florida.
- Approximately 78,000 square miles of Gulf of Mexico federal waters remain closed to fishing in order to balance economic and public health concerns. 68 percent remain open. Details can be found at <http://sero.nmfs.noaa.gov/>.
- To date, the administration has leveraged assets and skills from numerous foreign countries and international organizations as part of this historic, all-hands-on-deck response, including Canada, Germany, Mexico, Netherlands, Norway, the United Nations' International Maritime Organization and the European Union's Monitoring and Information Centre.

Resources:

- For information about the response effort, visit www.deepwaterhorizonresponse.com.
- For specific information about the federal-wide response, visit <http://www.whitehouse.gov/deepwater-bp-oil-spill>.
- To contact the Deepwater Horizon Joint Information Center, call (985) 902-5231.
- To volunteer, or to report oiled shoreline, call (866) 448-5816. Volunteer opportunities can also be found here.
- To submit your vessel as a vessel of opportunity skimming system, or to submit alternative response technology, services, or products, call 281-366-5511.
- To report oiled wildlife, call (866) 557-1401. Messages will be checked hourly.
- For information about validated environmental air and water sampling results, visit www.epa.gov/bpspill.
- For National Park Service updates about potential park closures, resources at risk, and NPS actions to protect vital park space and wildlife, visit <http://www.nps.gov/aboutus/oil-spill-response.htm>.
- For Fish and Wildlife Service updates about response along the Gulf Coast and the status of national wildlife refuges, visit <http://www.fws.gov/home/dhoilspill/>.
- For daily updates on fishing closures, visit <http://sero.nmfs.noaa.gov>.
- For information on assistance loans for affected businesses, visit the SBA's Web site at www.sba.gov/services/disasterassistance, call (800) 659-2955 (800-877-8339 for the hearing impaired), or email disastercustomerservice@sba.gov.
- To file a claim with BP, visit www.bp.com/claims or call BP's helpline at (800) 440-0858. A BP fact sheet with additional information is available here. Those who have already pursued the BP claims process and are not satisfied with BP's resolution, can call the Coast Guard at (800) 280-7118. More information about what types of damages are eligible for compensation under the Oil Pollution Act as well as guidance on procedures to seek that compensation can be found here.
- In addition, www.disasterassistance.gov has been enhanced to provide a one-stop shop for information on how to file a claim with BP and access additional assistance—available in English and Spanish.
- Any members of the press who encounter response personnel restricting their access or violating the media access policy set forth by Admiral Allen should contact the Joint Information Center. Click here for more information, including a list of regular embed opportunities.

Freedhoff, Michal

From: Deepwater Horizon Response External Affairs [donotreply@deepwaterhorizonresponse.com]
Sent: Wednesday, June 16, 2010 8:23 PM
To: Freedhoff, Michal
Subject: The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

DATE: June 16, 2010 19:03:30 CST

The Ongoing Administration-Wide Response to the Deepwater**Key contact numbers**

- Report oiled shoreline or request volunteer information: (866) 448-5816
- Submit alternative response technology, services or products: (281) 366-5511
- Submit your vessel for the Vessel of Opportunity Program: (281) 366-5511
- Submit a claim for damages: (800) 440-0858
- Report oiled wildlife: (866) 557-1401
- Medical support hotline: (888) 623-0287

The Ongoing Administration-Wide Response to the Deepwater E**Prepared by the Joint Information Center****UPDATED June 16, 2010 7 PM***** For a full timeline of the Administration-wide response, visit the White House Blog.****PAST 24 HOURS****President Obama and Top Administration Officials Hold Meeting with BP at White House**

President Obama and top administration officials today met with BP Chairman Carl-Henric Svanberg, officials in the Roosevelt Room at the White House. They discussed the ongoing efforts to stop the oil responsibility not only to pay for the cost of the cleanup of the oil spill, but also to compensate residents financially as a result of the oil spill.

In remarks after the meeting, the President announced that BP has agreed to set aside \$20 billion in a claims to people and businesses that have been affected by the oil spill, and that BP and the Administration administered the claims process for victims of 9/11, to run the independent claims process.

President Obama Sends Letter to Congress on Budget Amendment for BP Oil Spill Commission

In a letter to Speaker of the House Nancy Pelosi, President Obama requested that Congress consider Year 2011—for the National Commission on the BP Deepwater Horizon Oil Spill, which the President for a comprehensive look at how the oil and gas industry operates and how it is regulated.

Admiral Allen, Press Secretary Gibbs and Assistant to the President Carol Browner Hold Briefing

National Incident Commander Admiral Thad Allen, White House Press Secretary Robert Gibbs and Chief of Energy and Climate Change, provided a briefing at the White House to inform the American public and administration-wide response to the BP oil spill. A transcript is available [here](#).

Secretary Salazar Meets with Gulf Coast Elected Officials to Discuss BP Oil Spill Response

Department of Interior Secretary Ken Salazar today held meetings with Gulf Coast elected officials to discuss response to the BP oil spill and ways to reform off-shore drilling practices to improve safety. Salazar met with officials from Texas, Louisiana, Alabama, and Mississippi on Capitol Hill and later met with Louisiana officials—U.S. Representative Lou LaBrie, and Parish Presidents—at the Department of Interior.

NOAA Expands Fishing Closed Area in Gulf of Mexico; More than Sixty-Six Percent of Gulf Federal Waters Remain Open

As part of continued efforts to ensure the safety of seafood from the Gulf of Mexico and protect consumers, NOAA has expanded the closed fishing area to capture portions of the oil slick moving beyond the area's current northern boundary, off the Florida panhandle's federal-state waterline. This boundary was moved just to the west of St. Joe Bay and Panama City Beach.

The closed area now represents 80,806 square miles—approximately 33.4 percent—of federal waters in the Gulf of Mexico—this closure does not apply to any state waters. This leaves more than 66 percent of Gulf federal waters available for fishing. Details can be found at <http://sero.nmfs.noaa.gov/>.

Federal and Local Officials Hold Open House Meetings for Louisiana Residents

Representatives from the Coast Guard, Fish and Wildlife Service, EPA and other state and local partner agencies participating in the ongoing response effort to the BP oil spill today held the second in a series of open house meetings in Louisiana in Cameron Parish. The meetings are an opportunity for local residents to meet with experts and hear firsthand about the claims process, volunteer and contracting opportunities, environmental quality, worker safety and the various tools, equipment and strategies being used in the response. The first meeting was held yesterday in St. Bernard Parish, and a third is scheduled tomorrow in St. Mary's Parish. [Click here for more info.](#)

BP Continues to Capture Some Oil and Gas Using Containment Device

BP continues to capture some oil and burn some gas at the surface using its containment dome technique, which is being executed under the federal government's direction. After cutting off a portion of the riser, BP placed a containment device over it in order to capture oil at its source.

Progress Continues in Drilling Relief Wells

The *Development Driller III* continues to drill the first relief well to a depth of more than 15,000 feet—11 days ahead of schedule—and is beginning to angle the well at 23 degrees. The *Development Driller II* has drilled the second relief well to a depth of 9,774 feet.

Successful Controlled Burn

In recent days, favorable weather conditions have allowed responders to conduct successful controlled burn operations. As part of a coordinated response that combines tactics deployed above water, below water, offshore, and close to coastal areas, controlled burns efficiently remove oil from the open water in an effort to protect shoreline and wildlife. In total, more than 210 burns have been conducted to remove a total of 5.2 million gallons of oil from the water to date.

Approved SBA Economic Injury Assistance Loans Surpass \$4 Million

SBA has approved 69 economic injury assistance loans to date, totaling more than \$4 million for small businesses in the Gulf Coast impacted by the BP oil spill. Additionally, the agency has granted deferments on 393 existing SBA disaster loans in the region, totaling more than \$1.76 million per month in payments. For information on assistance loans for affected businesses, visit the SBA's Web site at www.sba.gov/services/disasterassistance, call (800) 659-2955 (800-877-8339 for the hearing impaired), or email disastercustomerservice@sba.gov.

Administration Continues to Oversee BP's Claims Process

The administration will continue to hold the responsible parties accountable for repairing the damage, and repaying Americans who've suffered a financial loss as a result of the BP oil spill. BP reports that 56,689 claims have been opened, from which more than \$81.3 million have been disbursed. No claims have been denied to date. There are 667 claims adjusters on the ground. To file a claim, visit www.bp.com/claims or call BP's helpline at 1-800-440-0858. Those who have already pursued the BP claims process and are not satisfied with BP's resolution can call the Coast Guard at (800) 280-7118. Additional information about the BP claims process and all available avenues of assistance can be found at www.disasterassistance.gov.

By the Numbers to Date:

- The administration has authorized the deployment of 17,500 National Guard troops from Gulf Coast states to respond to this crisis; to date, 1,611 have been activated.
- Approximately 31,000 personnel are currently responding to protect the shoreline and wildlife and cleanup vital coastlines.
- More than 5,000* vessels are currently responding on site, including skimmers, tugs, barges, and recovery vessels to assist in containment and cleanup efforts—in addition to dozens of aircraft, remotely operated vehicles, and multiple mobile offshore drilling units.
- Approximately 2.39 million feet of containment boom and 3.48 million feet of sorbent boom have been deployed to contain the spill—and approximately 468,000 feet of containment boom and 1.8 million feet of sorbent boom are available.
- Approximately 21.2 million gallons of an oil-water mix have been recovered.

- Approximately 1.3 million gallons of total dispersant have been applied—885,000 on the surface and 414,000 subsea. More than 505,000 gallons are available.
- More than 210 controlled burns have been conducted, efficiently removing a total of more than 5.2 million gallons of oil from the open water in an effort to protect shoreline and wildlife.
- 17 staging areas are in place to protect sensitive shorelines.
- Approximately 52.6 miles of Gulf Coast shoreline is currently experiencing impacts from BP's leaking oil—34.8 miles in Louisiana, 0.9 miles in Mississippi, 9.9 miles in Alabama, and 7 miles in Florida.
- Approximately 80,800 square miles of Gulf of Mexico federal waters remain closed to fishing in order to balance economic and public health concerns. More than 66 percent remain open. Details can be found at <http://sero.nmfs.noaa.gov/>.
- To date, the administration has leveraged assets and skills from numerous foreign countries and international organizations as part of this historic, all-hands-on-deck response, including Canada, Germany, Mexico, Netherlands, Norway, the United Nations' International Maritime Organization and the European Union's Monitoring and Information Centre.

* The total vessels number reported in the June 15 update contained a reporting error.

Resources:

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- To report oiled wildlife, call (866) 557-1401. Messages will be checked hourly.
- For information about validated environmental air and water sampling results, visit www.epa.gov/bpspill.
- For National Park Service updates about potential park closures, resources at risk, and NPS actions to protect vital park space and wildlife, visit <http://www.nps.gov/aboutus/oil-spill-response.htm>.
- For Fish and Wildlife Service updates about response along the Gulf Coast and the status of national wildlife refuges, visit <http://www.fws.gov/home/dhoilspill/>.
- For daily updates on fishing closures, visit <http://sero.nmfs.noaa.gov>.
- For information on assistance loans for affected businesses, visit the SBA's Web site at www.sba.gov/services/disasterassistance, call (800) 659-2955 (800-877-8339 for the hearing impaired), or email disastercustomerservice@sba.gov.
- To file a claim with BP, visit www.bp.com/claims or call BP's helpline at (800) 440-0858. A BP fact sheet with additional information is available [here](#). Those who have already pursued the BP claims process and are not satisfied with BP's resolution, can call the Coast Guard at (800) 280-7118. More information about what types of damages are eligible for compensation under the Oil Pollution Act as well as guidance on procedures to seek that compensation can be found [here](#).
- In addition, www.disasterassistance.gov has been enhanced to provide a one-stop shop for information on how to file a claim with BP and access additional assistance—available in English and Spanish.
- Any members of the press who encounter response personnel restricting their access or violating the media access policy set forth by Admiral Allen should contact the Joint Information Center. Click [here](#) for more information, including a list of regular embed opportunities.

For information about the response effort, visit www.deepwaterhorizonresponse.com.

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James A. Watson
Rear Admiral, USCG
Federal On-Scene Coordinator

June 15, 2010

Dear Admiral Watson:

In compliance with the May 26, 2010, Dispersant Monitoring and Assessment Directive - Addendum 3 (the "Directive"), BP Exploration & Production Inc. ("BP") has eliminated the surface application of dispersants, except in cases where an exemption is requested and justified, and approved by the Federal On-Scene Coordinator.

Houma Unified Command has nine (9) spotter visual reports from 15 June of multiple slicks of dispersible oil (Attachment 1) and the NOAA Surface Oil Forecast for 16 June shows extensive areas of heavy and medium oil (Attachment 2). Weather forecast indicates excellent flying weather with winds of 5-10 knots, wave height 1-2 feet, ceilings unlimited and visibility 10 nm; 20 per cent chance of thunderstorms in the area.

Houma Unified Command anticipates that, due to the weather, location, distribution (3,600 sqmi) and size of the multiple oil slicks identified the use of mechanical recovery and ISB to recover or remove the oil in the target area will be insufficient to remove the spill volume on June 16, 2010. Prior to spray operations the spotter aircraft will identify the highest value targeted slicks and will direct spray aircraft to the heaviest portions of the slick.

Pursuant to a request this date from Unified Command, the following information is provided.

- Estimated size of identified dispersible oil slick targets proposed in designated zones: this information is included in Table 1 with the estimate of the amount of dispersant needed to treat these slicks.
- Explicit justification for why these targets can't be skimmed or addressed by other mechanical means: The use of mechanical recovery to recover or remove the oil in the identified target areas will be insufficient to remove the estimated dispersible oil volumes that we have estimated for tomorrow. The targeted oil herein is dispersible oil and dispersible oil is not the only oil demanding mechanical recovery assets. The geographic area of the spill site contains a combination of dispersible oil, heavy sheens and emulsified oil. Mechanical recovery devices are required elsewhere throughout the entire geographic area to address all areas and all oils that can be recovered mechanically and not just the dispersible oils and are therefore otherwise engaged. Generally the skimming vessels are concentrated near the source site so that they can remain in the

June 15, 2010

Page 2

heaviest oil and collect the highest volume of oil. Other skimming assets are deployed nearshore to recover oil before it comes ashore.

- Tabulation of number of assets (skimmers, etc.) in service today and how many assets are available yet not in service: A daily summation of skimmers in the source area and outside the source is now being provided daily to the Aerial Dispersant Group for insertion in this report (Attachment 3). Our review of the assets listed below reveal that they are engaged in skimming operations with some out of service for various reasons.
- It is planned to conduct multiple Tier 1 helicopter SMART overflights to observe dispersant operations. Additionally, the M/V *International Peace* is planned to conduct water chemistry and toxicology sampling. These operations depend upon approval to apply dispersants either aerial or with boat spray systems onboard the M/V *International Peace*.

Accordingly, in accordance with the Directive, the Houma Unified Command respectfully requests an exemption to apply EC9500A in volumes on oil slicks located today shown in Table 1 not to exceed 27,700 gallons for a period not to exceed 12 hours.

Sincerely,

Houma Unified Command

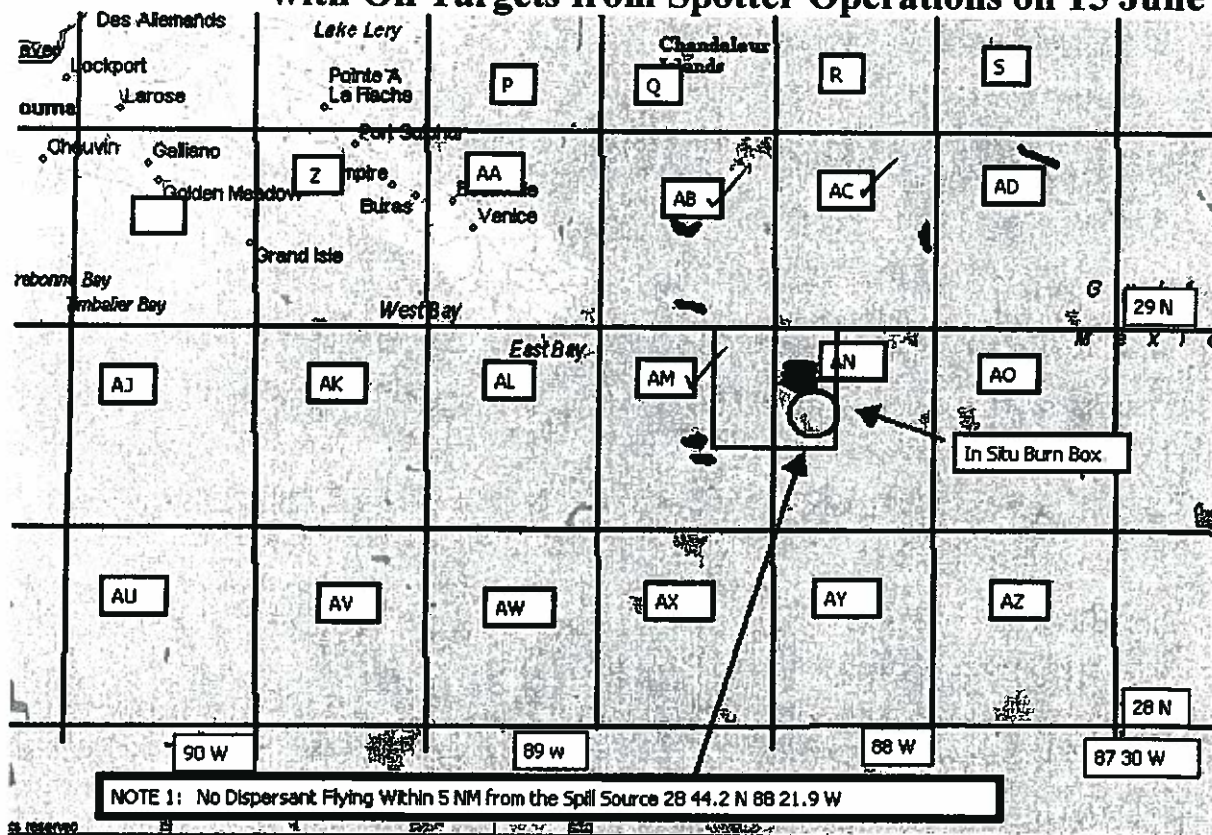
Exemption approved subject to the above:



James A. Watson
Rear Admiral, USCG
Federal On-Scene Coordinator

Date: 6-16-10

Dispersant Zone Map for 16 June 2010 with Oil Targets from Spotter Operations on 15 June



**TABLE 1
 Dispersible Oil Report June 15, 2010**

Zone	# of slicks reported	Area in acres	Estimated percentage dispersible oil	Dispersant Needed (1/20 DOR)
AB	2	3200	2-15	1,152
AD	1	1152	90	5,184
AM	2	2739	60-70	9,498
AC	1	1280	30	1,920
AN	TBD	TBD	Due to Enterprise shutdown expect significant surface oil slicks near the source	10,000
TOTAL				27,754

19K.

Note: Table 1 shows our intentions based upon our observations the day before these actions take place. Size and location of slicks will change. Activities within slick areas e.g., skimming operations, in-situ burning, etc., or weather conditions may require revisions to the actual operational plan implemented.

Attachment 2

Nearshore Surface Oil Forecast Deepwater Horizon MC252

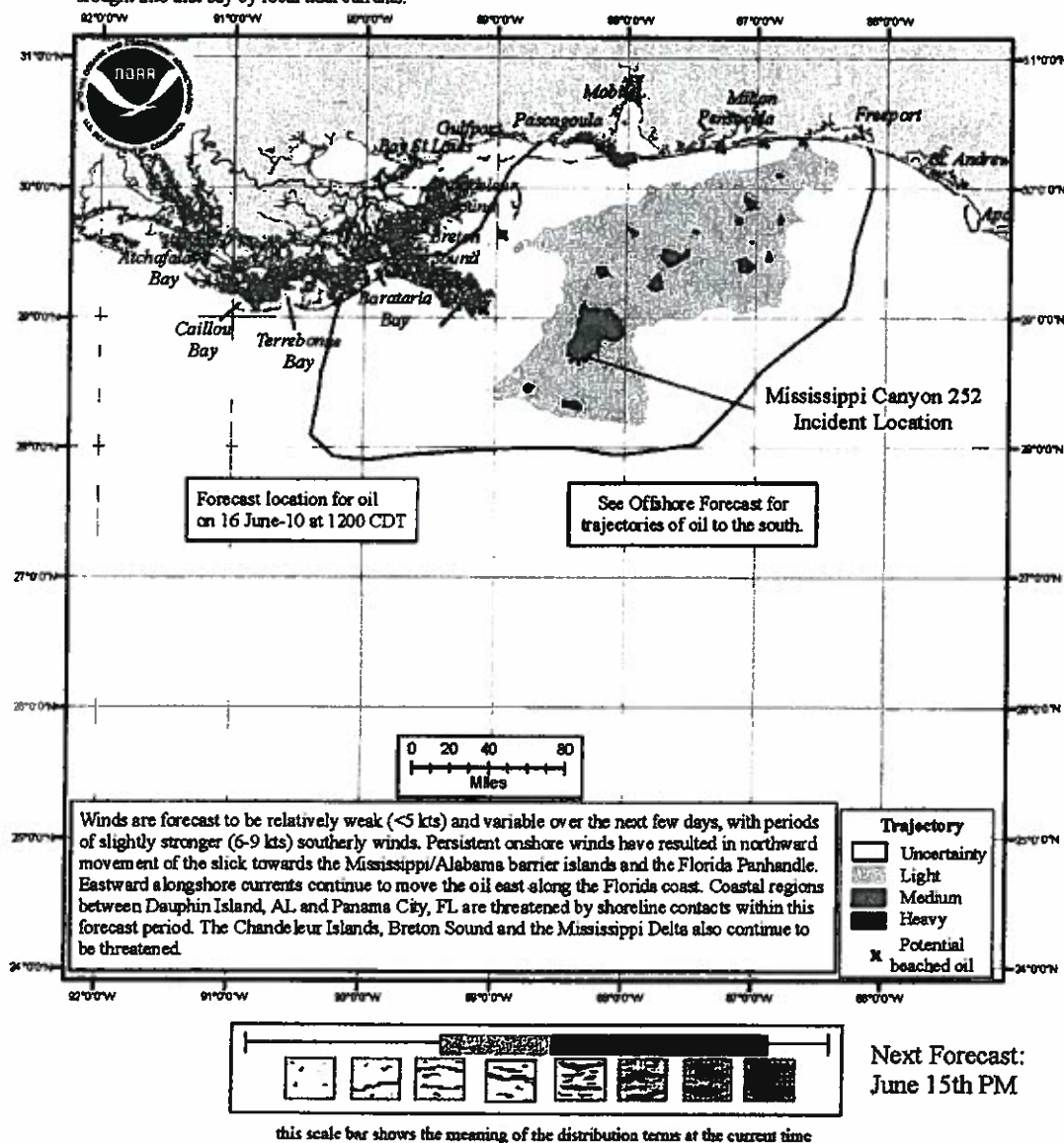
NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Wednesday, 6/16/10

Date Prepared: 2100 CDT, Monday, 6/14/10

This forecast is based on the NWS spot forecast from Monday, June 14 PM. Currents were obtained from several models (NOAA Gulf of Mexico, West Florida Shelf/USF, TGLO/TAMU, NAVO/NRL) and HFR measurements. The model was initialized from Sunday-Monday satellite imagery analysis (NOAA/NESDIS). The leading edge may contain turballs that are not readily observable from the imagery (hence not included in the model initialization). Oil near bay inlets could be brought into that bay by local tidal currents.



Next Forecast:
 June 15th PM

Attachment 3

Offshore Skimming Resources

In Transit
 Out of Service
 Lightering

SOURCE						
Designator	Kind/Type	Vessel	Assignment	Status	Location	ETA
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
407	TV2	MSRC 407 Barge (Kantabry 1000)	TF Storage	Onscene	MC-252	
452	TV1	MSRC 452 Barge (Tara Crosby)	TF Storage	Standby	Ft Jackson	
570	TV1	MSRC 570 Barge (Crosby Clipper)	TF Storage	Standby	White Tail	
104	TV1	Ketch BBL 104 (Ketch)	TF Storage	Onscene	MC-252	
Costas	TV1	Energy 800 (Superior Service) Costas	TF Storage	Onscene	MC-252	
Boom Boats						
Designator	Kind/Type	Vessel	Assignment	Status	Location	ETA
CC	WB2	Chanese G	Source	Standby	Venice	
SF	WB2	Sea Fox	Source	Standby	Venice	
BB	WB2	Ms. Addison	Source	Onscene	Venice	
JN	WB2	Julienne Marie	Source	Standby	Venice	
HE	WB1	Hercules	Source	Boom tow	Enroute	
BR	WB1	Brutus	Source	Boom tow	Enroute	
SH	WB2	Sea Hawk	Source	Standby	Venice	
Crew/Re-supply						
ML	WB2	Mr. Leroy	Shuttle/Re-supply	Supply Run	Venice Based	
FO	WB2	Fox	Ampol Re-supply	Supply Run	Venice Based	
JP	WB2	Jean Perry (Drop Box)	Shuttle/Re-supply	Supply Run	Venice Based	
CS	WB4	Corissa Shane	Shuttle/Re-supply	Supply Run	Venice Based	
KL	WB2	Katie Lynn	Shuttle/Re-supply	Supply Run	Venice Based	
EV	WB2	Eveready	NRC Re-supply	Supply Run	Venice Based	
MW	WB2	Miss Wynter	NRC Re-supply	Supply Run	Venice Based	
BC	WB2	Ben Charnle	Shuttle/Re-supply	Supply Run	Venice Based	
Inland Barges						
331	TV3	Cenac 331 Barge	TF Storage	5,000 bbl open	Ft Jackson	
323	TV3	Cenac 323 Barge	TF Storage	21,000 bbl open	Venice	
324	TV3	Cenac 324 Barge	TF Storage	21,000 bbl open	Venice	
BB-3048	TV3	Higdon 3048 Barge	TF Storage	Full	Enroute Houston	
BB-3049	TV3	Higdon 3049 Barge	TF Storage	3,000 bbl open	Venice Near Park	

Rear Admiral James A. Watson

June 15, 2010

Page 6

NON SOURCE				
Vessel	Assignment	Status	Location	ETA
Gulf Influence	FED	On-scene	Western Loop	
Orleans	FED	repairs	Fourchon	
Sir Lancelot (USCG VOSS)	FED	repairs	Fourchon	
Miss Megan (USCG VOSS)	FED	Enroute		
Resolve Pioneer		Unable to contact		

June 16, 2010

Jim Watson
Rear Admiral, USCG
Federal On-Scene Coordinator

RE: Weekly Source Control Surface Dispersant Plan (June 17 through 23, 2010)

Dear Admiral Watson,

In compliance with the May 26, 2010, Dispersant Monitoring and Assessment Directive - Addendum 3 (the "Directive"), BP Exploration & Production Inc. ("BP") submitted a weekly Source Control Surface Dispersant Plan for the week June 10 to June 16, which you approved on June 9. The plan allowed for a maximum daily application volume (calendar day) of 6,000 gallons, unless more was required to control VOCs. From June 10 through June 15, the average daily volume applied has been less than 1,000 gallons. The maximum daily application was 3,360 gallons on June 12.

The current offshore air monitoring plan for source control (2200-T2-DO-PN-4002-4 signed May 25, 2010) identifies air monitoring instrumentation, location and action levels to respond to VOC excursions. In addition, vapor suppression guidelines (attachment 1) were put in place May 29, 2010 to provide additional granularity for action requirements. The air monitoring data is transparent to USCG and EPA.

BP respectfully requests approval of to the Weekly Source Control Dispersant Plan for June 17 though June 23, as follows

<u>Date</u>	<u>Expected Maximum Volume per calendar day (gals)</u>
June 17	6000
June 18	6000
June 19	6000
June 20	6000
June 21	6000
June 22	6000
June 23	6000

Should VOC monitoring dictate further deployment in accordance with the Air Monitoring Plan for Source Control, BP also respectfully requests to exceed these volumes as required.

Sincerely,

A handwritten signature in black ink, appearing to read "Douglas J. Suttles" followed by a stylized monogram or initials.

Douglas J. Suttles

Freedhoff, Michal

From: Deepwater Horizon Response External Affairs [donotreply@deepwaterhorizonresponse.com]
Sent: Thursday, June 17, 2010 9:37 PM
To: Freedhoff, Michal
Subject: The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

DATE: June 17, 2010 20:35:02 CST

The Ongoing Administration-Wide Response to the Deepwater

Report oiled shoreline or request volunteer information: (866)-448-5816

Deep

Submit alternative response technology, services or products: (281) 366-5511

Submit your vessel for the Vessel of Opportunity Program: (281) 366-5511

Submit a claim for damages: (800) 440-0858

Report oiled wildlife: (866) 557-1401

Key contact numbers

- Report oiled shoreline or request volunteer information: (866) 448-5816
- Submit alternative response technology, services or products: (281) 366-5511
- Submit your vessel for the Vessel of Opportunity Program: (281) 366-5511
- Submit a claim for damages: (800) 440-0858
- Report oiled wildlife: (866) 557-1401

The Ongoing Administration-Wide Response to the Deepwater E

Prepared by the Joint Information Center

UPDATED June 17, 2010 7 PM

** For a full timeline of the Administration-wide response, visit the White House Blog.***PAST 24 HOURS****Admiral Allen Provides Operational Update on the BP Oil Spill Response**

National Incident Commander Admiral Thad Allen provided a briefing by teleconference to inform the progress of the administration-wide response to the BP oil spill. A transcript is available [here](#).

Later in the day in Port Sulphur, La., Admiral Allen provided a second briefing after returning from an

Federal and Local Officials Hold Third Open House Meeting for Louisiana Residents

Representatives from the Coast Guard, Fish and Wildlife Service, the Environmental Protection Agency, and others participated in the third in a series of open house meetings for Louisiana residents in St. Mary's Parish—providing an opportunity to engage one-on-one with experts to discuss a variety of topics, including the claims process, environmental quality, worker safety and the various tools, equipment and strategies being used in the response. The meetings were held this week in Cameron Parish and St. Bernard Parish.

EPA Hosts Conference Call on Air Quality with Gulf Coast Stakeholders

EPA officials hosted a conference call today with community and environmental groups in Louisiana to

the BP oil spill on air quality in the Gulf.

EPA continues to monitor air, water and sediment quality in the region. According to the most recent data, air quality levels for ozone and particulates are normal on the Gulf coastline for this time of year. The most recent water and sediment samples did not reveal elevated levels for chemicals that are usually found in oil.

EPA has observed odor-causing pollutants associated with petroleum products along the coastline at low levels. Some of these chemicals may cause short-lived effects like headache, eye, nose and throat irritation, or nausea. People may be able to smell some of these chemicals at levels well below those that would cause short-term health problems. Anyone experiencing these and other symptoms should call the Medical Support Hotline at (888) 623-0287.

SCAT Teams Continue to Monitor and Cleanup Impacted Shorelines

More than 40 Shoreline Cleanup Assessment Teams (SCAT)—federal, state and BP officials working to assess and determine how cleanup will be conducted, and oversee cleanup operations—continue to monitor and cleanup shorelines along the Alabama, Louisiana, Mississippi and Florida coastlines.

BP Continues to Capture Some Oil and Gas Using Containment Device

BP continues to capture some oil and burn some gas at the surface using its containment dome technique, which is being executed under the federal government's direction. After cutting off a portion of the riser, BP placed a containment device over it in order to capture oil at its source.

Approved SBA Economic Injury Assistance Loans Surpass \$4 Million

SBA has approved 71 economic injury assistance loans to date, totaling more than \$4.15 million for small businesses in the Gulf Coast impacted by the BP oil spill. Additionally, the agency has granted deferments on 411 existing SBA disaster loans in the region, totaling more than \$1.79 million per month in payments. For information on assistance loans for affected businesses, visit the SBA's Web site at www.sba.gov/services/disasterassistance, call (800) 659-2955 (800-877-8339 for the hearing impaired), or email disastercustomerservice@sba.gov.

Administration Continues to Oversee BP's Claims Process

The administration will continue to hold the responsible parties accountable for repairing the damage, and repaying Americans who've suffered a financial loss as a result of the BP oil spill. BP reports that 59,297 claims have been opened, from which more than \$89.8 million have been disbursed. No claims have been denied to date. There are 667 claims adjusters on the ground. To file a claim, visit www.bp.com/claims or call BP's helpline at 1-800-440-0858. Those who have already pursued the BP claims process and are not satisfied with BP's resolution can call the Coast Guard at (800) 280-7118. Additional information about the BP claims process and all available avenues of assistance can be found at www.disasterassistance.gov.

By the Numbers to Date:

- The administration has authorized the deployment of 17,500 National Guard troops from Gulf Coast states to respond to this crisis; to date, 1,610 have been activated.
- Approximately 31,000 personnel are currently responding to protect the shoreline and wildlife and cleanup vital coastlines.
- More than 6,400 vessels are currently responding on site, including skimmers, tugs, barges, and recovery vessels to assist in containment and cleanup efforts—in addition to dozens of aircraft, remotely operated vehicles, and multiple mobile offshore drilling units.
- Approximately 2.42 million feet of containment boom and 3.65 million feet of sorbent boom have been deployed to contain the spill—and approximately 489,000 feet of containment boom and 1.97 million feet of sorbent boom are available.
- Approximately 21.9 million gallons of an oil-water mix have been recovered.
- Approximately 1.33 million gallons of total dispersant have been applied—903,000 on the surface and 423,000 subsea. More than 500,000 gallons are available.
- More than 220 controlled burns have been conducted, efficiently removing a total of more than 5.2 million gallons of oil from the open water in an effort to protect shoreline and wildlife.
- 17 staging areas are in place to protect sensitive shorelines.
- Approximately 80,800 square miles of Gulf of Mexico federal waters remain closed to fishing in order to balance economic and public health concerns. More than 66 percent remain open. Details can be found at <http://sero.nmfs.noaa.gov/>.
- To date, the administration has leveraged assets and skills from numerous foreign countries and international organizations as part of this historic, all-hands-on-deck response, including Canada, Germany, Mexico, Netherlands, Norway, the United Nations' International Maritime Organization and the European Union's Monitoring and Information Centre.

Freedhoff, Michal

From: Miller, Brian W [Brian.Miller3@bp.com]

Sent: Thursday, June 17, 2010 6:27 PM

Cc: Calvert, Chad

Subject: BP Gulf of Mexico Update: June 17th

Gulf of Mexico Oil Spill Response Update

06/17/2010 – 5:00pm EDT

BP is working as part of the Unified Command to accomplish three main objectives in the Gulf of Mexico:

1. Offshore - to stop the flow of oil on the sea floor;
2. Offshore – to minimize impacts of the spill on the surface; and
3. Onshore to protect and cleanup the shoreline, inform the public, and compensate impacted people.

Highlights

- 14,752 barrels of oil captured by the LMRP Cap on June 16. Approximately 179,000 barrels have been collected to date.
- Q4000 drilling platform connected to valves on blowout preventer – captured and flared 3,475 barrels of oil on June 16.
- 240,000 feet of containment and sorbent boom deployed yesterday.
- BP creates a \$20 billion fund dedicated to claims and response costs.
- \$90 million paid in claims as of close of business on June 16 – see State Summaries.
- BP Interactive Mapping Tool at: <http://www.gulfofmexicoresponsemap.com>.

Offshore – Sea Floor

BP's priority is to contain the oil spill and complete relief wells to kill the flow.

Containment Recovery

- Lower Marine Riser Package (LMRP) Cap – 14,752 barrels of oil were captured through the LMRP cap during the past 24-hour period. Total recovery from the LMRP Cap is 197,351 barrels to date. Oil and natural gas are being carried to the surface through a riser pipe and oil is being stored on the *Discoverer Enterprise*. The gas is being flared. 33.2 million cubic feet were burned on June 16.

- **Q4000 Direct Connect to Blowout Preventer** – Yesterday, a second recovery system was placed in service which is connected directly to the BOP and carries oil and gas through a manifold and hoses to the Q4000 vessel. Because the Q4000 does not have storage capacity, it uses a specialized clean-burning system to flare captured oil and gas. The Q4000 flared 3,475 barrels of oil and 6.8 million cubic feet of gas on June 16. That flow rate will be increased over the next few days.
- **Permanent Riser Systems** – BP is bringing in two additional ships that will be connected to “permanent riser systems.” These systems will be capable of quick disconnect/reconnect in the event of a hurricane. The first riser has been fabricated and is being installed. The second riser is in the design stage. More information can be found under “Technical Update” on BP’s website at: <http://www.bp.com/sectiongenericarticle.do?categoryId=9033572&contentId=7061710>

Dispersant injection on the sea floor – dispersant use at the subsea leak source continues, with approximately 9,152 gallons applied on June 16. EPA is allowing subsea application of the currently-used dispersant to continue.

Drilling Relief Wells

Drilling continues on both wells. They are situated approximately one-half mile from the Macondo well and will attempt to intercept the existing wellbore at approximately 18,000 feet below sea level. Once intercepted, the Macondo well can be killed via a “bottom kill” by pumping heavy mud and cement into the wellbore. It is estimated the total drilling process for each well will take at least 90 days from the start date.

- The first relief well (work being performed by the *Development Driller III*) is at 15,936 feet below sea level. This well was “spudded” on May 2.
- The second relief well (work being performed by *Development Driller II*) is at approximately 9,970 feet below sea level. Drilling began on May 16.

Offshore – Surface Response

Skimming Vessels – 447 skimmers designed to separate oil from water are deployed across the Gulf. Approximately 521,585 barrels of oil-water mix have been recovered and treated, including 16,995 barrels in the last 24 hours.

Surface Dispersant – 13,593 gallons of dispersant were applied on the surface yesterday.

In-Situ Burning – 10 burns were conducted in the last 24-hour period. 124,012 total barrels are estimated to have been consumed through burns.

BP Environmental Monitoring Program – As part of the response effort, several ongoing sampling and monitoring programs have been implemented based on the type of impact or location and trajectory of the spill. Monitoring and sampling programs are being conducted for:

- air quality
- water quality

Freedhoff, Michal

From: Miller, Brian W [Brian.Miller3@bp.com]
Sent: Friday, June 18, 2010 5:49 PM
Subject: BP Gulf of Mexico Update: June 18th

Attachments: Gulf of Mexico Oil Spill Response Update 6-18-10.doc

In an effort to keep you apprised on the Gulf of Mexico incident, BP strives to provide daily updates on activities associated with the incident. Below you will find today's update—a Word version is also attached.

Please let us know if you have questions.

Thank you,

Brian Miller

BP's Washington, DC Office

Note: if you would like to be removed from this distribution list, please respond accordingly

<<Gulf of Mexico Oil Spill Response Update 6-18-10.doc>>

Gulf of Mexico Oil Spill Response Update

06/18/2010 – 5:00pm EDT

BP is working as part of the Unified Command to accomplish three main objectives in the Gulf of Mexico:

1. Offshore - to stop the flow of oil on the sea floor;
2. Offshore – to minimize impacts of the spill on the surface; and
3. Onshore to protect and cleanup the shoreline, inform the public, and compensate impacted people.

Highlights

- 16,026 barrels of oil captured by the LMRP Cap on June 17.
- Q4000 drilling platform connected to valves on blowout preventer captured and flared 9,269 barrels of oil on June 17.
- \$93 million paid in claims as of close of business on June 17 – see State Summaries.
- Over 31,000 personnel working in the incident.
- New Technical Update:
http://www.bp.com/liveassets/bp_internet/globalbp/globalbp_uk_english/incident_response/STAGING/foca
- BP Interactive Mapping Tool: <http://www.gulfofmexicoresponsemap.com>.

Offshore – Sea Floor

BP's priority is to contain the oil spill and complete relief wells to kill the flow.

Containment Recovery

- Lower Marine Riser Package (LMRP) Cap – 16,026 barrels of oil were captured through the LMRP cap during the past 24-hour period. Total recovery from the LMRP Cap is 213,377 barrels to date. Oil and natural gas are being carried to the surface through a riser pipe and oil is being stored on the *Discoverer Enterprise*. The gas is being flared; 33.3 million cubic feet were burned on June 17.
- Q4000 Direct Connect to Blowout Preventer – This containment system, which is connected directly to the BOP and carries oil and gas through a manifold and hoses to the Q4000 vessel, flared 9,269 barrels of oil and 17 million cubic feet of gas on June 17. Because the Q4000 does not have storage capacity, it uses a specialized clean-burning system to flare captured oil and gas.
- Permanent Riser Systems – BP is bringing in two additional ships that will be connected to "permanent riser systems." These systems will be capable of quick disconnect/reconnect in the event of a hurricane. The first riser has been fabricated and is being installed. The second riser is in the design stage. More information can be found under "Technical Update" on BP's website at:
<http://www.bp.com/sectiongenericarticle.do?categoryId=9033572&contentId=7061710>

New Technical Update slides - June 18th:

http://www.bp.com/liveassets/bp_internet/globalbp/globalbp_uk_english/incident_response/S

Dispersant injection on the sea floor – dispersant use at the subsea leak source continues, with approximately 5,962 gallons applied on June 16.

Drilling Relief Wells

Drilling continues on both wells. They are situated approximately one-half mile from the Macondo well

7/28/2010

and will attempt to intercept the existing wellbore at approximately 18,000 feet below sea level. Once intercepted, the Macondo well can be killed via a "bottom kill" by pumping heavy mud and cement into the wellbore. It is estimated the total drilling process for each well will take at least 90 days from the start date.

- The first relief well (work being performed by the *Development Driller III*) is at approximately 16,000 feet below sea level. This well was "spudded" on May 2.
- The second relief well (work being performed by *Development Driller II*) is at approximately 10,000 feet below sea level. Drilling began on May 16.

Offshore – Surface Response

Skimming Vessels – 447 skimmers designed to separate oil from water are deployed across the Gulf. Over 530,000 barrels of oil-water mix have been recovered and treated, including 9,185 barrels in the last 24 hours.

Surface Dispersant – 12,423 gallons of dispersant were applied on the surface yesterday.

In-Situ Burning – 4 burns were conducted in the last 24-hour period. 125,108 total barrels are estimated to have been consumed through burns.

BP Environmental Monitoring Program – As part of the response effort, several ongoing sampling and monitoring programs have been implemented based on the type of impact or location and trajectory of the spill. Monitoring and sampling programs are being conducted for:

- air quality
- water quality
- water column sampling
- submerged oil, and
- worker health.

Sampling data can be found at: <http://www.bp.com/sectiongenericarticle.do?categoryId=9033821&contentId=7062498#>

Interactive Mapping Websites – BP has developed an Interactive Mapping Tool meant to provide a one-stop shop for detailed near-real-time information about the response to the Deepwater Horizon BP oil spill. The tool integrates the latest data on the oil spill's trajectory, fishery closed areas, wildlife and place-based Gulf Coast resources, locations of oiled shoreline and other data points. The BP mapping tool is located at: <http://www.gulfofmexicoreponsemap.com>. The U.S. Government has also created a mapping tool that is located at: www.GeoPlatform.gov/gulfresponse.

Spill Response Technology and Offers of Services or Products –

- BP is receiving approximately 5,000 suggestions per day on innovative ways to stop the flow of oil or contain the oil spill. Our team of engineers is reviewing these as quickly as possible. To submit alternative response technology, or offer services or products, call (281) 366-5511, or go online at: www.horizonedocs.com. After forms are received they are reviewed by a team of technical and operational personnel who assess need, technical feasibility and application.
- The U.S. Government has also issued a general call for submission of white papers that cover: oil sensing improvements to response and detection; oil wellhead control and submerged oil response; traditional oil spill response technologies; alternative oil spill response technologies; and oil spill damage assessment and restoration. That announcement can be found online at: <https://www.fbo.gov/index?s=opportunity&mode=form&id=6b61794cf96642c8b03cf9e0c3083eb&tab=core&cvview=1>

Onshore – Shoreline Protection and Funding

Boom Update – More than 2.5 million feet of containment boom is deployed or assigned across the Gulf with 639,000 feet in staging areas. 3.6 million feet of sorbent boom is deployed with more than 1.9 million feet in staging areas. More than 240,000 feet of containment and sorbent boom was deployed on June 16.

Alabama

- Boom – 531,000 feet of containment boom deployed and 128,825 feet staged.
- Activated Vessels – 861 Vessels of Opportunity, 75 skimmers, 84 barges.
- Shoreline Impacts – Tarballs reported on Dauphin Island and Fort Morgan to Perdido Bay.

Florida

- Boom – 284,700 feet of containment boom deployed and 75,900 feet staged.
- Activated Vessels – 313 Vessels of Opportunity, 110 skimmers, 21 barges.
- Shoreline Impacts – Cleanup operations at Port St. Joe were suspended due to adverse weather. Two boxes of tarballs were collected on Penscola Beach in Panama City. Five reports of oil/tarballs from Port Walton to Panama City. Continued skimming operations at Destin, Pensacola, and Perdido Pass.

Louisiana

- Boom – 1,022,573 feet of containment boom deployed or assigned. 258,929 feet of boom staged.
- Activated Vessels – 679 Vessels of Opportunity, 150 skimmers, 400 barges.
- Shoreline Impacts – Cleanup crews continued to focus efforts on Fourchon Beach, Grand Isle and Grand Terre. Continued to increase shallow water cleanup assets in northern Barataria Bay. The first six barges were placed in accordance with the Four Pass Barataria Project. Eleven total Task Forces worked to recover patches of oil in Barataria Bay and Mississippi Delta.

Mississippi

- Boom – 373,050 feet of containment boom deployed. 28,450 feet of boom is staged.

James A. Watson
Rear Admiral, USCG
Federal On-Scene Coordinator

June 16, 2010

Dear Admiral Watson:

In compliance with the May 26, 2010, Dispersant Monitoring and Assessment Directive - Addendum 3 (the "Directive"), Houma Unified Command has eliminated the surface application of dispersants, except in cases where an exemption is requested and justified, and approved by the Federal On-Scene Coordinator.

Houma Unified Command has seven (7) spotter visual reports from 16 June of multiple slicks of dispersible oil (Attachment 1) and the NOAA Surface Oil Forecast for 17 June shows extensive areas of heavy and medium oil (Attachment 2). Weather forecast indicates excellent flying weather with winds of 5-10 knots, wave height 1-2 feet, ceilings unlimited and visibility 10 nm; 20 per cent chance of thunderstorms in the area.

Houma Unified Command anticipates that, due to the weather, location, distribution (3,600 sqmi) and size of the multiple oil slicks identified the use of mechanical recovery and ISB to recover or remove the oil in the target area will be insufficient to remove the spill volume on June 17, 2010. Prior to spray operations the spotter aircraft will identify the highest value targeted slicks and will direct spray aircraft to the heaviest portions of the slick.

Pursuant to a request this date from Unified Command, the following information is provided.

- Estimated size of identified dispersible oil slick targets proposed in designated zones: this information is included in Table 1 with the estimate of the amount of dispersant needed to treat these slicks.
- Explicit justification for why these targets can't be skimmed or addressed by other mechanical means: The use of mechanical recovery to recover or remove the oil in the identified target areas will be insufficient to remove the estimated dispersible oil volumes that we have estimated for tomorrow. The targeted oil herein is dispersible oil and dispersible oil is not the only oil demanding mechanical recovery assets. The geographic area of the spill site contains a combination of dispersible oil, heavy sheens and emulsified oil. Mechanical recovery devices are required elsewhere throughout the entire geographic area to address all areas and all oils that can be recovered mechanically and not just the dispersible oils and are therefore otherwise engaged. Generally the skimming vessels are concentrated near the source site so that they can remain in the

heaviest oil and collect the highest volume of oil. Other skimming assets are deployed nearshore to recover oil before it comes ashore.

- Tabulation of number of assets (skimmers, etc.) in service today and how many assets are available yet not in service: A daily summation of skimmers in the source area and outside the source is now being provided daily to the Aerial Dispersant Group for insertion in this report (Attachment 3). Our review of the assets listed below reveal that they are engaged in skimming operations with some out of service for various reasons.
- It is planned to conduct multiple Tier 1 helicopter SMART overflights to observe dispersant operations. Additionally, the M/V *International Peace* plans to conduct boat spray testing on fresh oil with water chemistry and toxicology sampling. The SMART Tier 1 observations indicate that dispersants are effective as shown in the QA/QC review document attached. Details and photographs of the Tier 1 observations are available at epaosc.org web site.

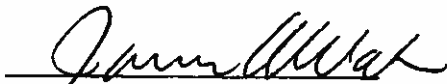
Accordingly, in accordance with the Directive, the Houma Unified Command respectfully requests an exemption to apply EC9500A in volumes on oil slicks located today shown in Table 1 not to exceed ~~25,000~~ gallons for a period not to exceed 12 hours.

18,700

Sincerely,

Houma Unified Command

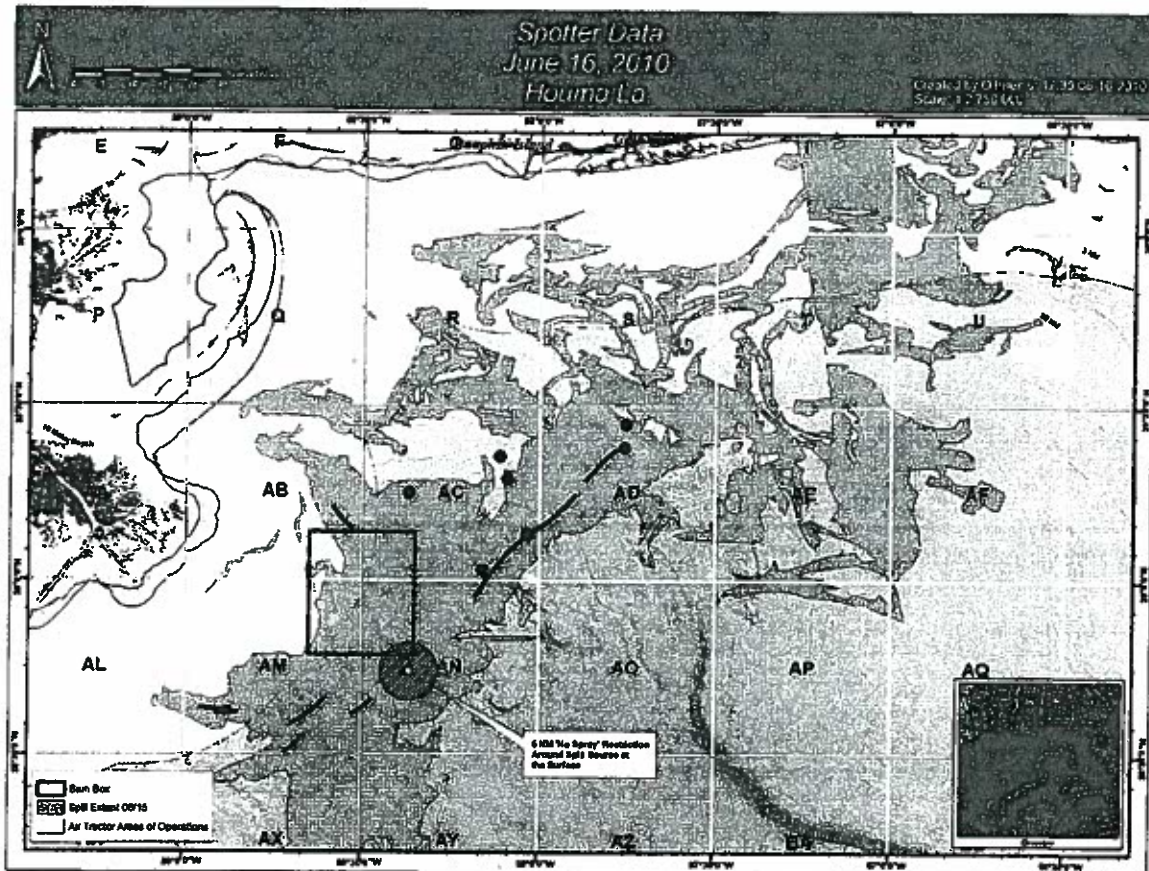
Exemption approved subject to the above:



James A. Watson
Rear Admiral, USCG
Federal On-Scene Coordinator

Date: 6-17-10

Dispersant Zone Map for 17 June 2010 with Oil Targets from Spotter Operations on 16 June



**TABLE 1
 Dispersible Oil Report June 16, 2010**

Zone	# of slicks reported	Area in acres	Estimated percentage dispersible oil	Dispersant Needed (1/20 DOR)
AB	1	96	90	432
AC	4	10,240	20	10,240
AD	2	684	50-90	1,801
AM	4	4838	20-80	13,312
AN	TBD	TBD	Zone near source, unable to recon due to ISB	0
TOTAL				25,785

Note: Table 1 shows our intentions based upon our observations the day before these actions take place. Size and location of slicks will change. Activities within slick areas e.g., skimming operations, in-situ burning, etc., or weather conditions may require revisions to the actual operational plan implemented.

Attachment 2

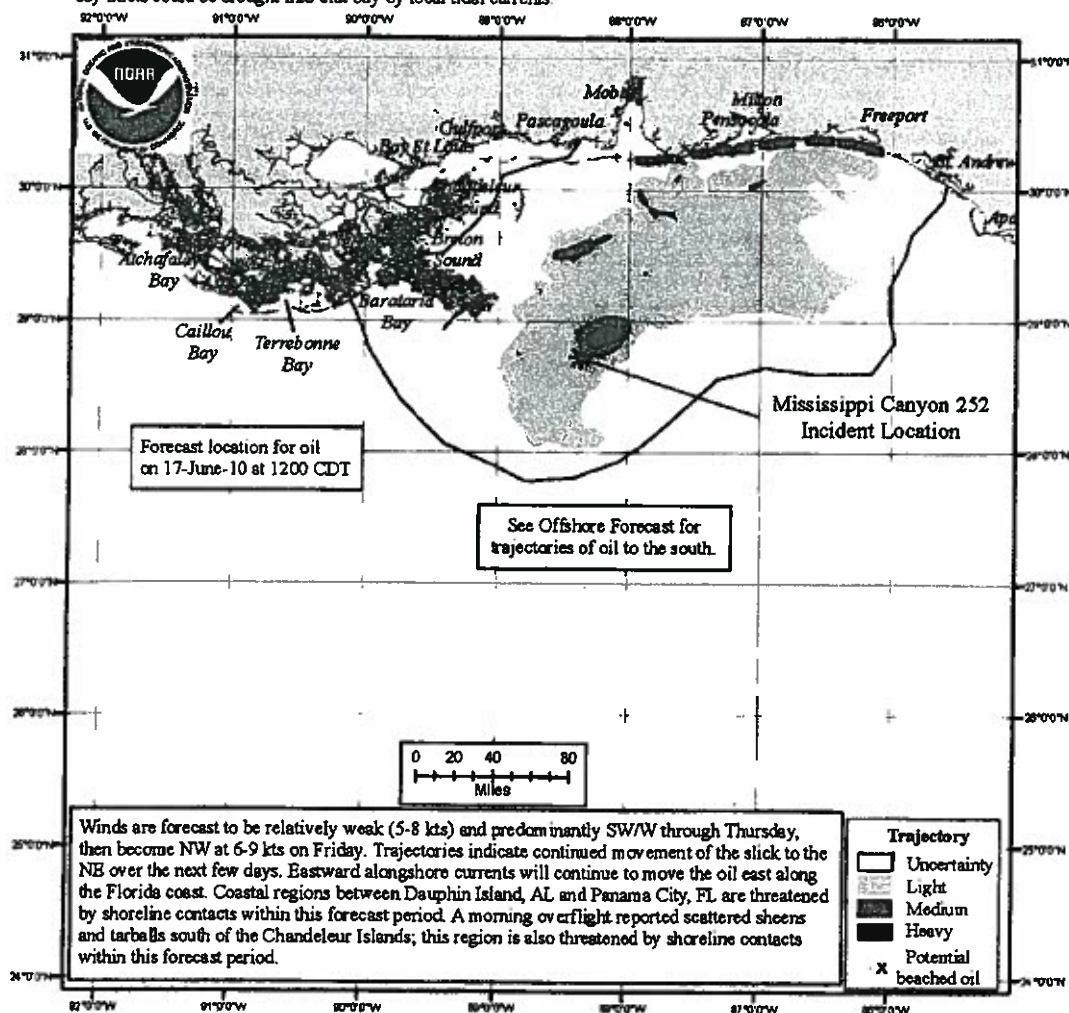
Nearshore Surface Oil Forecast Deepwater Horizon MC252

NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Thursday, 6/17/10
 Date Prepared: 2100 CDT, Tuesday, 6/15/10

This forecast is based on the NWS spot forecast from Tuesday, June 15 PM. Currents were obtained from several models (NOAA Gulf of Mexico, West Florida Shelf/USF, TGLO/TAMU, NAVO/NRL) and HFR measurements. The model was initialized from Tuesday satellite imagery analysis (NOAA/NESDIS) and overflight observations. The leading edge may contain tarballs that are not readily observable from the imagery (hence not included in the model initialization). Oil near bay inlets could be brought into that bay by local tidal currents.



this scale bar shows the meaning of the distribution terms at the current time

Next Forecast:
 June 16th PM

Rear Admiral James A. Watson

June 17, 2010

Page 6

Boom Boats						
Designator		Vessel	Assignment		Location	ETA
CC	WB2	Chase G	Source	Standby	Venice	
SF	WB2	Sea Fox	Source	Standby	Venice	
HSE	WB2	H.S. Addison	Source	Mechanical	Venice	
JN	WB2	Julienne Marie	Source	Standby	Venice	
HE	WB1	Hercules	Source	Boom tow	Enroute	
BR	WB1	Brutus	Source	Boom tow	Enroute	
SH	WB2	Sea Hawk	Source	Standby	Venice	
Crew / Re-supply						
ML	WB2	Mr. Leroy	Shuttle/Re-su	Supply Run	Venice Based	
FO	WB2	Fox	Ampol Re-sup	Supply Run	Venice Based	
JP	WB2	Jean Perry (Drop Box)	Shuttle/Re-su	Supply Run	Venice Based	
CS	WB4	Corissa Shane	Shuttle/Re-su	Supply Run	Venice Based	
KL	WB2	Katie Lynn	Shuttle/Re-su	Supply Run	Venice Based	
EV	WB2	Eveready	NRC Re-suppl	Supply Run	Venice Based	
MW	WB2	Miss Wynter	NRC Re-suppl	Supply Run	Venice Based	
BC	WB2	Ben Charamie	Shuttle/Re-su	Supply Run	Venice Based	
Inland Barges						
331	TV3	Cenac 331 Barge	TF Storage	5,000 bbl open	FT Jackson	
323	TV3	Cenac 323 Barge	TF Storage	21,000 bbl open	Venice	
324	TV3	Cenac 324 Barge	TF Storage	21,000 bbl open	Venice	
HN-3048	TV3	Higman 3048 Barge	TF Storage	Full	Enroute	Houston
HN-3049	TV3	Higman 3049 Barge	TF Storage	8,000 bbl open	Venice New Park	

Attachment 3

Offshore Skimming Resources

SOURCE			Date/Time 16 June 0900			
Designator	Kind/Type	Vessel	Assignment	Status	Location	ETA
MSR	RV1/Weir	Mississippi Responder	MSRC	On ship	Ft Jackson	
MSR	RV1/Weir	MSRC 402 Barge (Kimberly Collier)	MSRC	On scene	MC-252	
MSR	RV1/Weir	MSRC 452 Barge (Tara Crosby)	MSRC	Standby	Ft Jackson	
MSR	RV1/Weir	MSRC 570 Barge (Crosby Clipper)	MSRC	Standby	White Tall	
LR	RV1/Weir	Luna Rose (HRC VOSSE)	HRC	Equipment	MC-252	
SV	RV1/Weir	Seagra Washington (Dutch arm)	HRC	Equipment	Fourchon	
PER	RV1/Weir	HRC Perseverance	HRC	Mechanical	Vehicle	
IT	RV1/Weir	International Tropic (w/CGA FRU)	CGA	Mechanical	Vehicle	
RE	RV1/Weir	Ree (Havy Harro)	Red	Equipment	MC-252	
402	TV2	MSRC 402 Barge (Kimberly Collier)	TF Storage	On-scene	MC-252	
452	TV1	MSRC 452 Barge (Tara Crosby)	TF Storage	Standby	Ft Jackson	
570	TV1	MSRC 570 Barge (Crosby Clipper)	TF Storage	Standby	White Tall	
155	TV1	K-Sea DBL-155 (Rebel)	TF Storage	On-scene	MC-252	
Costner	TV1	Energy 8001(Superior Service) Costner	TF Storage	On-scene	MC-252	

Deepwater Horizon Incident -- Houma Incident Command Center

SMART Tier 1 Preliminary Data Quality Assessment and Review

SMART Tier 1 data consists of observations summarized in an Activity Log (Unit Log ICS 214-CG) and pre- and post-application photographs and associated photo log of dispersant spray operations. This form documents the results of a preliminary quality assessment review of these documents.

Smart Air Team #: 2 Date: 6/15/2010

Operational Period: 000015 June 2010 to 235915 June 2010

Data Review (Check documents that were reviewed)

☒ Unit Log -- ICS 214-CG

☒ Photographs (How many reviewed? 9)

☒ Photo Log

Assessment (Check appropriate box(s))

☒ Concur with SMART observer findings (reasonableness of findings)

☐ Issues of note from data review. Briefly describe.

☒ Dispersant is effective based on review of Activity Log, photographs, and photo log.

☐ Results inconclusive with respect to dispersant effectiveness.

☐ Other. Briefly describe.

Reviewed by Dispersant Assessment Group Member (Print name, sign, and date)

Name: Marc BenKner Signature: [Signature] Date: 6-16-10

Reviewed by NOAA SSC (Print name, sign, and date)

Name: ED LeVine Signature: [Signature] Date: 6-16-10

Freedhoff, Michal

From: Deepwater Horizon Response External Affairs [donotreply@deepwaterhorizonresponse.com]
Sent: Friday, June 18, 2010 8:32 PM
To: Freedhoff, Michal
Subject: The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

DATE: June 18, 2010 19:28:24 CST

The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill**Key contact numbers**

- Report oiled shoreline or request volunteer information: (866) 448-5816
- Submit alternative response technology, services or products: (281) 366-5511
- Submit your vessel for the Vessel of Opportunity Program: (866) 279-7983 or (877) 847-7470
- Submit a claim for damages: (800) 440-0858
- Report oiled wildlife: (866) 557-1401

The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

Prepared by the Joint Information Center

UPDATED June 18, 2010 7 PM

* For a full timeline of the Administration-wide response, visit the White House Blog.

PAST 24 HOURS**Admiral Allen Provides Operational Update on the BP Oil Spill Response**

National Incident Commander Admiral Thad Allen provided a briefing from the Unified Area Command public and answer questions on the progress of the administration-wide response to the BP oil spill. A

BP Continues to Optimize Oil Recovery Rates from its Leaking Well

BP continues to increase the amount of captured oil and burn more gas at the surface using its containment system executed under the federal government's direction.

In addition to the *Discoverer Enterprise*, which is linked by the riser pipe to the wellhead, a second recovery vessel is off additional oil and gas being brought up through the choke and kill lines—a method that was also previously used. Nearly 30,000 barrels were recovered in the most recent 24-hour period.

Progress Continues in Drilling Relief Wells

The *Development Driller III* continues to drill the first relief well to a depth of more than 10,600 feet below the seafloor. The second relief well—a redundancy measure taken at the direction of the federal government—will be drilled below the sea floor.

National Parks Service Reaches 179 Staff Deployed to Protect Vital Parkland

In the Gulf of Mexico, the Department of the Interior protects eight national parks and 36 wildlife refuges. The National Park Service has dispatched 179 staff as part of the BP oil spill response. The National Park Service has deployed incident response teams to assess and clean up oil impacts, protect the park's critical natural and cultural resources—including historic structures—and serve the visiting public.

Fish and Wildlife Service Reaches 495 Staff Deployed to Protect Vital Wildlife

The Fish and Wildlife Service continues to coordinate and supervise search and capture for oiled wildlife and helping facilitate recovery and treatment, and leading numerous bird survey teams in Louisiana to determine the extent of the oil impact on birds and other wildlife. FWS has dispatched 495 staff to deal with the spill.

Successful Controlled Burn

In recent days, favorable weather conditions have allowed responders to conduct successful controlled burn operations. As part of a coordinated response that combines tactics deployed above water, below water, offshore, and close to coastal areas, controlled burns efficiently remove oil from the open water in an effort to protect shoreline and wildlife. In total, more than 225 burns have been conducted to remove more than five million gallons of oil from the water.

Approved SBA Economic Injury Assistance Loans Surpass \$4.7 Million

SBA has approved 74 economic injury assistance loans to date, totaling more than \$4.7 million for small businesses in the Gulf Coast impacted by the BP oil spill. Additionally, the agency has granted deferments on 434 existing SBA disaster loans in the region, totaling more than \$1.9 million per month in payments. For information on assistance loans for affected businesses, visit the SBA's Web site at www.sba.gov/services/disasterassistance, call (800) 659-2955 (800-877-8339 for the hearing impaired), or email disastercustomerservice@sba.gov.

Administration Continues to Oversee BP's Claims Process

The administration will continue to hold the responsible parties accountable for repairing the damage, and repaying Americans who've suffered a financial loss as a result of the BP oil spill. BP reports that 62,004 claims have been opened, from which more than \$89.8 million have been disbursed. No claims have been denied to date. There are 698 claims adjusters on the ground. To file a claim, visit www.bp.com/claims or call BP's helpline at 1-800-440-0858. Those who have already pursued the BP claims process and are not satisfied with BP's resolution can call the Coast Guard at (800) 280-7118. Additional information about the BP claims process and all available avenues of assistance can be found at www.disasterassistance.gov.

By the Numbers to Date:

- The administration has authorized the deployment of 17,500 National Guard troops from Gulf Coast states to respond to this crisis; to date, 1,612 have been activated.
- Approximately 31,000 personnel are currently responding to protect the shoreline and wildlife and cleanup vital coastlines.
- More than 6,200 vessels are currently responding on site, including skimmers, tugs, barges, and recovery vessels to assist in containment and cleanup efforts—in addition to dozens of aircraft, remotely operated vehicles, and multiple mobile offshore drilling units.
- Approximately 2.42 million feet of containment boom and 3.77 million feet of sorbent boom have been deployed to contain the spill—and approximately 492,000 feet of containment boom and 2.03 million feet of sorbent boom are available.
- Approximately 22.3 million gallons of an oil-water mix have been recovered.
- Approximately 1.34 million gallons of total dispersant have been applied—915,000 on the surface and 429,000 subsea. More than 530,000 gallons are available.
- More than 225 controlled burns have been conducted, efficiently removing a total of more than 5.25 million gallons of oil from the open water in an effort to protect shoreline and wildlife.
- 17 staging areas are in place to protect sensitive shorelines.
- Approximately 61 miles of Gulf Coast shoreline is currently experiencing impacts from BP's leaking oil—approximately 35 miles in Louisiana, four miles in Mississippi, nine miles in Alabama, and 13 miles in Florida.
- Approximately 80,800 square miles of Gulf of Mexico federal waters remain closed to fishing in order to balance economic and public health concerns. More than 66 percent remain open. Details can be found at <http://sero.nmfs.noaa.gov/>.
- To date, the administration has leveraged assets and skills from numerous foreign countries and international organizations as part of this historic, all-hands-on-deck response, including Canada, Germany, Mexico, Netherlands, Norway, the United Nations' International Maritime Organization and the European Union's Monitoring and Information Centre.

Resources:

- For information about the response effort, visit www.deepwaterhorizonresponse.com.
- For specific information about the federal-wide response, visit <http://www.whitehouse.gov/deepwater-bp-oil-spill>.
- To contact the Deepwater Horizon Joint Information Center, call (985) 902-5231.
- To volunteer, or to report oiled shoreline, call (866) 448-5816. Volunteer opportunities can also be found here.
- To submit your vessel as a vessel of opportunity skimming system, or to submit alternative response technology, services, or products, call 281-366-5511.
- To report oiled wildlife, call (866) 557-1401. Messages will be checked hourly.
- For information about validated environmental air and water sampling results, visit www.epa.gov/bpspill.
- For National Park Service updates about potential park closures, resources at risk, and NPS actions to protect vital park space and wildlife, visit <http://www.nps.gov/aboutus/oil-spill-response.htm>.

- For Fish and Wildlife Service updates about response along the Gulf Coast and the status of national wildlife refuges, visit <http://www.fws.gov/home/dhoilspill/>.
- For daily updates on fishing closures, visit <http://sero.nmfs.noaa.gov>.
- For information on assistance loans for affected businesses, visit the SBA's Web site at www.sba.gov/services/disasterassistance, call (800) 659-2955 (800-877-8339 for the hearing impaired), or email disastercustomerservice@sba.gov.
- To file a claim with BP, visit www.bp.com/claims or call BP's helpline at (800) 440-0858. A BP fact sheet with additional information is available here. Those who have already pursued the BP claims process and are not satisfied with BP's resolution, can call the Coast Guard at (800) 280-7118. More information about what types of damages are eligible for compensation under the Oil Pollution Act as well as guidance on procedures to seek that compensation can be found here.
- In addition, www.disasterassistance.gov has been enhanced to provide a one-stop shop for information on how to file a claim with BP and access additional assistance—available in English and Spanish.
- Any members of the press who encounter response personnel restricting their access or violating the media access policy set forth by Admiral Allen should contact the Joint Information Center. Click here for more information, including a list of regular embed opportunities.

For information about the response effort, visit www.deepwaterhorizonresponse.com.

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James A. Watson
Rear Admiral, USCG
Federal On-Scene Coordinator

June 17, 2010

For June 18

Dear Admiral Watson:

In compliance with the May 26, 2010, Dispersant Monitoring and Assessment Directive - Addendum 3 (the "Directive"), Houma Unified Command has eliminated the surface application of dispersants, except in cases where an exemption is requested and justified, and approved by the Federal On-Scene Coordinator.

Houma Unified Command has nine (9) spotter visual reports from 17 June of multiple slicks of dispersible oil (Attachment 1) and the NOAA Surface Oil Forecast for 18 June shows extensive areas of heavy and medium oil (Attachment 2). Weather forecast indicates excellent flying weather with winds of 5-10 knots, wave height 1-2 feet, ceilings unlimited and visibility 10 nm; 20 per cent chance of thunderstorms in the area.

Houma Unified Command anticipates that, due to the weather, location, distribution (5,400 sqmi) and size of the multiple oil slicks identified the use of mechanical recovery and ISB to recover or remove the oil in the target area will be insufficient to remove the spill volume on June 18 2010. Prior to spray operations the spotter aircraft will identify the highest value targeted slicks and will direct spray aircraft to the heaviest portions of the slick.

Pursuant to a request this date from Unified Command, the following information is provided.

- Estimated size of identified dispersible oil slick targets proposed in designated zones: this information is included in Table 1 with the estimate of the amount of dispersant needed to treat these slicks.
- Explicit justification for why these targets can't be skimmed or addressed by other mechanical means: The use of mechanical recovery to recover or remove the oil in the identified target areas will be insufficient to remove the estimated dispersible oil volumes that we have estimated for tomorrow. The targeted oil herein is dispersible oil and dispersible oil is not the only oil demanding mechanical recovery assets. The geographic area of the spill site contains a combination of dispersible oil, heavy sheens and emulsified oil. Mechanical recovery devices are required elsewhere throughout the entire geographic area to address all areas and all oils that can be recovered mechanically and not just the dispersible oils and are therefore otherwise engaged. Generally the skimming vessels are concentrated near the source site so that they can remain in the

6/18/2010

Page 2

heaviest oil and collect the highest volume of oil. Other skimming assets are deployed nearshore to recover oil before it comes ashore.

- Tabulation of number of assets (skimmers, etc.) in service today and how many assets are available yet not in service: A daily summation of skimmers in the source area and outside the source is now being provided daily to the Aerial Dispersant Group for insertion in this report (Attachment 3). Our review of the assets listed below reveal that they are engaged in skimming operations with some out of service for various reasons.
- It is planned to conduct multiple Tier 1 helicopter SMART overflights to observe dispersant operations. Additionally, the M/V *International Peace* plans to conduct boat spray testing on fresh oil with water chemistry and toxicology sampling. The QA/QC report on the SMART Tier 1 observations will be provided tomorrow with the updated morning spotter reports.

Accordingly, in accordance with the Directive, the Houma Unified Command respectfully requests an exemption to apply EC9500A in volumes on oil slicks located today shown in Table 1 not to exceed ~~21,000~~ 19,200 gallons for a period not to exceed 12 hours.

Sincerely,

Houma Unified Command

Exemption approved subject to the above:



James A. Watson
Rear Admiral, USCG
Federal On-Scene Coordinator

Date: 6/18/2010

Dispersant Zone Map for 18 June 2010 with Oil Targets from Spotter Operations on 17 June

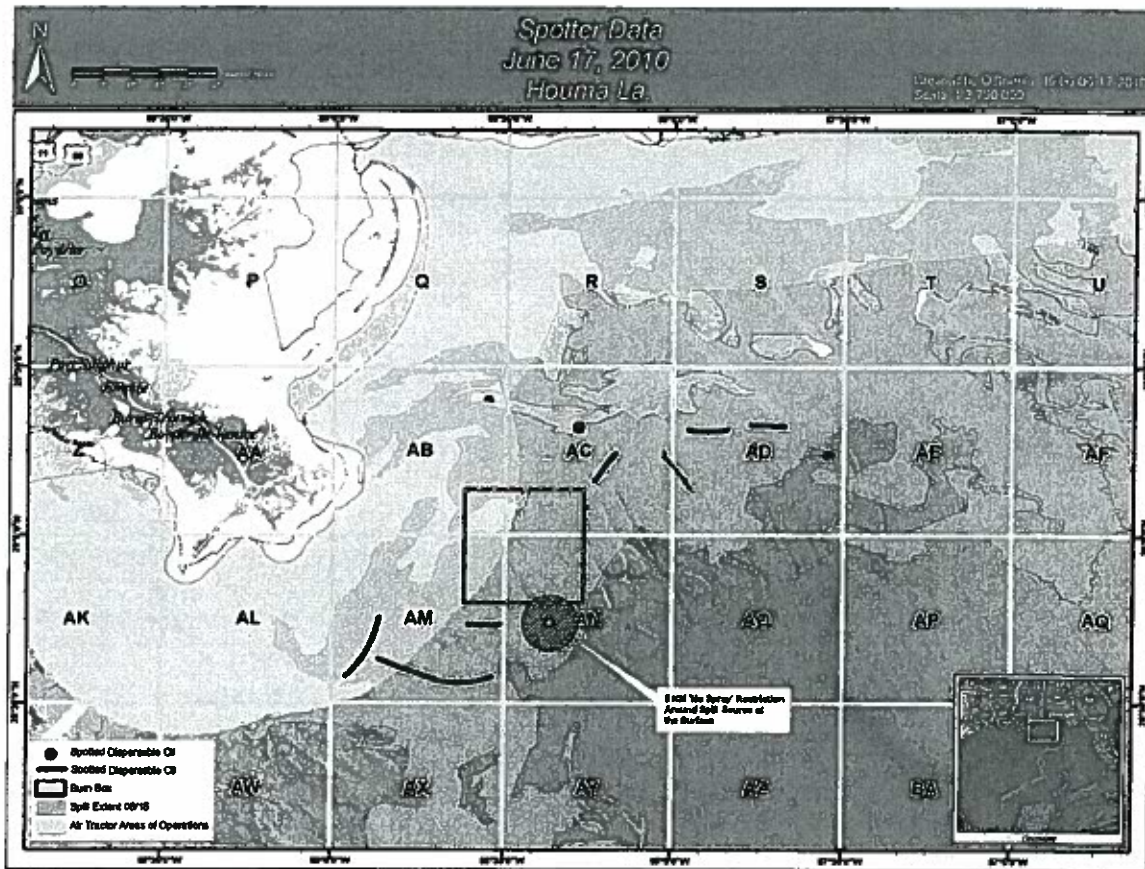


TABLE 1
Dispersible Oil Report June 17, 2010

Zone	# of slicks reported	Area in acres	Estimated percentage dispersible oil	Dispersant Needed (1/20 DOR)
AB	2	640	20	640
AC	3	1,120	70-80	4,160
AD	3	693	80-85	9,397
AM	4	6,903	15-85	6,829
AN	TBD	TBD	Zone near source, unable to recon due to ISB	0
TOTAL				21,026

Note: Table 1 shows our intentions based upon our observations the day before these actions take place. Size and location of slicks will change. Activities within slick areas e.g., skimming operations, in-situ burning, etc., or weather conditions may require revisions to the actual operational plan implemented.

6/18/2010

Page 4

Attachment 2

Nearshore Surface Oil Forecast Deepwater Horizon MC252

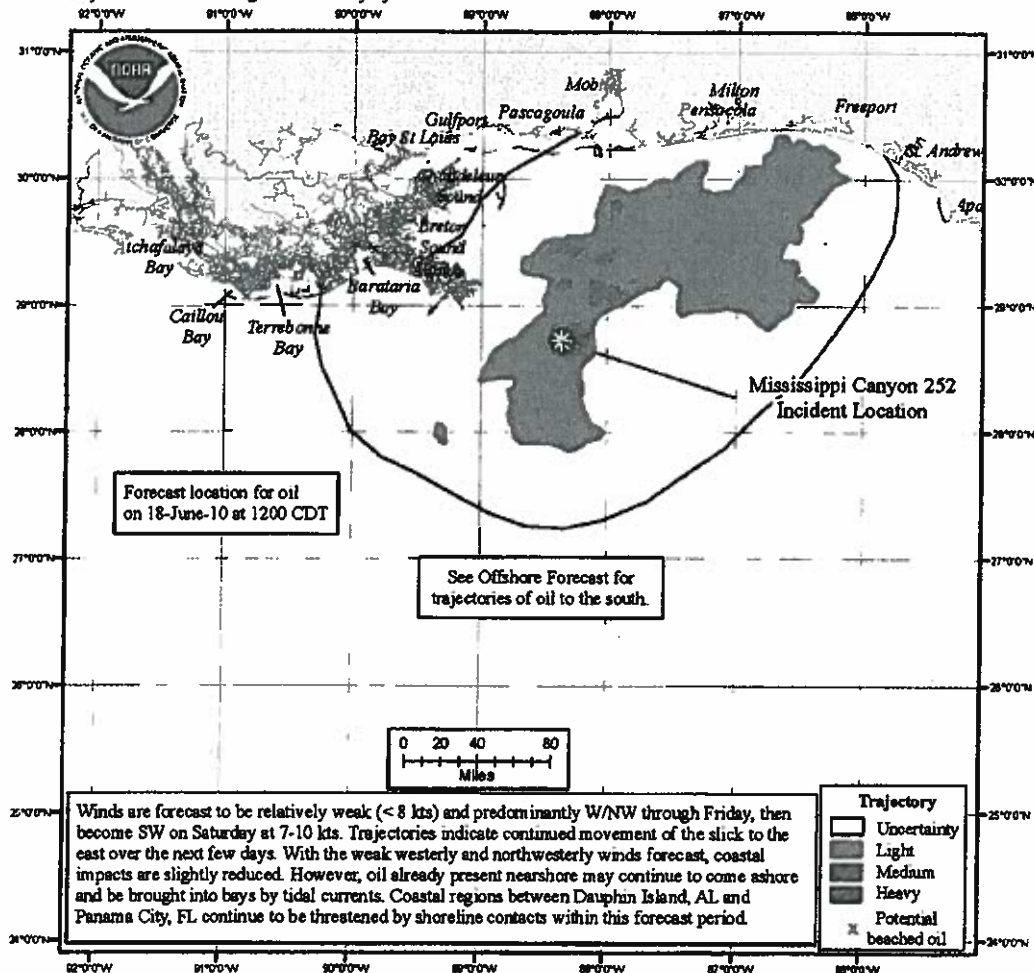
NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Friday, 6/18/10

Date Prepared: 2100 CDT, Wednesday, 6/16/10

This forecast is based on the NWS spot forecast from Wednesday, June 16 PM. Currents were obtained from several models (NOAA Gulf of Mexico, West Florida Shelf/USF, TGLO/TAMU, NAVO/NRL) and HFR measurements. The model was initialized from Wednesday satellite imagery analysis (NOAA/NESDIS) and overflight observations. The leading edge may contain tarballs that are not readily observable from the imagery (hence not included in the model initialization). Oil near bay inlets could be brought into that bay by local tidal currents.



this scale bar shows the meaning of the distribution terms at the current time

Next Forecast:
June 17th PM

Perry, Raymond CAPT

From: Crossland.Ronnie@epamail.epa.gov
Sent: Friday, June 18, 2010 9:13 AM
To: Watson, James RADM
Cc: Watson, James RADM; Perry, Raymond CAPT; Coleman.Sam@epamail.epa.gov; steve Lehmann; Austin, Meredith CAPT; Mason.Steve@epamail.epa.gov; Carroll.Craig@epamail.epa.gov; R6_DWH_REOC_RIC@epamail.epa.gov; Moore.Gary@epamail.epa.gov; Crossland.Ronnie@epa.gov; Nash, Roy RDML
Subject: Re: FW: Houma Unified Command - Aerial Dispersant Request - June 18, 2010
Attachments: June_18_request_for_aerial_spray_operations_FINAL.doc

Admiral Watson,

I have reviewed the request and have consulted with EPA Region 6. We continue to look for an increase in mechanical recovery and oil containment at the wellhead and still await the schedule for increasing these capabilities. When using dispersants, EPA evaluates the entire picture taking into consideration the use of subsurface, surface ~~at~~ the source and aerial dispersant application. With this in mind, EPA agrees with a total limit of 25,000 gals of dispersant for use on June 18, 2010. This limit should take into account all methods of dispersant application.

With regard to your request to increase the subsurface injection rate to 10 gpm, this would fall within the allowable volume of 15,000 gallons per day described in Directive 1 Addendum 3. Recognize that this would impact the dispersant volume available for aerial surface application because of the total dispersant limit of 25,000 gals for June 18, 2010..

We look forward to further discussions on reducing surface application, eliminating subsurface application, and achieving 90% source recovery.

Thanks,
Ronnie

From: "Watson, James RADM" <James.A.Watson@uscg.mil>
To: "Perry, Raymond CAPT" <Raymond.J.Perry@uscg.mil>, "steve Lehmann" <steve.Lehmann@noaa.gov>, Ronnie Crossland/R6/USEPA/US@EPA
Cc: Sam Coleman/R6/USEPA/US@EPA
Date: 06/17/2010 09:08 PM
Subject: FW: Houma Unified Command - Aerial Dispersant Request - June 18, 2010

Please review tomorrow's dispersant request.
Thanks

-----Original Message-----

From: mike.utsler@uk.bp.com [mailto:mike.utsler@uk.bp.com <mailto:mike.utsler@uk.bp.com>]
Sent: Thursday, June 17, 2010 8:06 PM

To: Watson, James RADM

Cc: Cavanagh, Ian; Rainey, David I; Austin, Meredith CAPT; Laferriere, Roger CAPT; Charlie Huber; Littlefield, S. Burt; coleman.sam@epa.gov; moore.gary@epa.gov

Subject: Houma Unified Command - Aerial Dispersant Request - June 18, 2010

Admiral,

The Houma Unified Command (excluding the standing abstention on this issue by the SOSC) is providing the Attached is the dispersant spray request for 18 June 2010. In line with our normal routine, we will be sending up 4 spotter aircraft at 0615 to re-assess the area and re-locate targets.

<<June_18_request_for_aerial_spray_operations_FINAL.doc>>

Due to other pending activities the QA/QC for the SMART Tier 1 observations for 16 June were not available. Arrangements have been made to complete the review tomorrow morning. The QA/QC will be provided together with the morning spotter reports of dispersible oil.

Therefore, in accordance with the Directive, the Houma Unified Command respectfully requests an exemption to apply EC9500A in volumes on oil slicks located today shown in Table 1 not to exceed 21,000 gallons for a period not to exceed 12 hours.

Respectfully,

Mike Utsler

Captain Roger Laferriere

Houma Unified Command

Freedhoff, Michal

From: Deepwater Horizon Response External Affairs [donotreply@deepwaterhorizonresponse.com]
Sent: Saturday, June 19, 2010 6:05 PM
To: Freedhoff, Michal
Subject: The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

DATE: June 19, 2010 17:02:10 CST

The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

Key contact numbers

- Report oiled shoreline or request volunteer information: (866) 448-5816
- Submit alternative response technology, services or products: (281) 366-5511
- Submit your vessel for the Vessel of Opportunity Program: (866) 279-7983 or (877) 847-7470
- Submit a claim for damages: (800) 440-0858
- Report oiled wildlife: (866) 557-1401

The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

Prepared by the Joint Information Center

UPDATED June 19, 2010 7 PM

* For a full timeline of the Administration-wide response, visit the [White House Blog](#).

PAST 24 HOURS

BP Continues to Optimize Oil Recovery Rates from its Leaking Well

BP continues to capture some oil and burn gas at the surface using its containment dome technique, in accordance with the government's direction.

In addition to the *Discoverer Enterprise*, which is linked by the riser pipe to the wellhead, a second rig is being used to capture off additional oil and gas being brought up through the choke and kill lines—a method that was also previously used.

Progress Continues in Drilling Relief Wells

The *Development Driller III* continues to drill the first relief well to a depth of approximately 11,000 feet below the seafloor. The process of cementing and casing the well liner. The *Development Driller II* has drilled the second relief well in the direction of the administration—to a depth of approximately 5,000 feet below the sea floor.

Interior Department Reaches Nearly 1,000 Personnel Deployed to Gulf Response

The Department of the Interior has deployed nearly 1,000 total personnel as part of the administration's response to the oil spill, including approximately 500 from the U.S. Fish and Wildlife Service, 170 from the Minerals Management Service and approximately 70 from the U.S. Geological Survey, in addition to senior officials engaged along the Gulf Coast, with all actions coordinated by National Incident Commander Admiral Thad Allen.

Volunteers Receive Training to Help National Park Visitors Understand the Oil Spill

Community volunteers will start joining National Park Service rangers on the shores of Gulf Islands National Seashore to learn about the oil spill's effects on the barrier islands and their natural and cultural resources. Prior to working on the beach, volunteers will receive training from NPS rangers, biologists and communications specialists. Join this training to learn the knowledge and techniques to provide key information to beachgoers related to health and safety, as well as resource protection messages.

EPA Continues to Conduct Air, Water and Sediment Monitoring in the Gulf.

EPA is conducting additional air monitoring for ozone and airborne particulate matter. The air monitoring is being conducted in the Gulf of Mexico, near the coast of Louisiana.

levels of ozone and particulates ranging from the "good" to "unhealthy for sensitive groups" levels on EPA's Air Quality Index.

EPA's recent surface water results collected along the Gulf Coast have found the combination of oil related organic compounds to exceed chronic aquatic life benchmarks. These are levels that could impact the health, growth or reproductive activity of aquatic life if exposed for an extended period of time.

Administration Continues to Oversee BP's Claims Process

The administration will continue to hold the responsible parties accountable for repairing the damage, and repaying Americans who've suffered a financial loss as a result of the BP oil spill. 64,536 claims have been opened, from which more than \$104.4 million have been disbursed. No claims have been denied to date. There are 698 claims adjusters on the ground. To file a claim, visit www.bp.com/claims or call BP's helpline at 1-800-440-0858. Those who have already pursued the BP claims process and are not satisfied with BP's resolution can call the Coast Guard at (800) 280-7118. Additional information about the BP claims process and all available avenues of assistance can be found at www.disasterassistance.gov.

By the Numbers to Date:

- The administration has authorized the deployment of 17,500 National Guard troops from Gulf Coast states to respond to this crisis; to date, 1,612 have been activated.
- Approximately 33,000 personnel are currently responding to protect the shoreline and wildlife and cleanup vital coastlines.
- More than 6,300 vessels are currently responding on site, including skimmers, tugs, barges, and recovery vessels to assist in containment and cleanup efforts—in addition to dozens of aircraft, remotely operated vehicles, and multiple mobile offshore drilling units.
- Approximately 2.44 million feet of containment boom and 3.87 million feet of sorbent boom have been deployed to contain the spill—and approximately 544,000 feet of containment boom and 1.88 million feet of sorbent boom are available.
- Approximately 22.9 million gallons of an oil-water mix have been recovered
- Approximately 1.36 million gallons of total dispersant have been applied—931,000 on the surface and 436,000 subsea. More than 500,000 gallons are available.
- 244 controlled burns have been conducted, efficiently removing a total of more than 5.25 million gallons of oil from the open water in an effort to protect shoreline and wildlife.
- 17 staging areas are in place to protect sensitive shorelines.
- Approximately 59 miles of Gulf Coast shoreline is currently experiencing impacts from BP's leaking oil—approximately 34 miles in Louisiana, four miles in Mississippi, nine miles in Alabama, and 12 miles in Florida.
- Approximately 80,800 square miles of Gulf of Mexico federal waters remain closed to fishing in order to balance economic and public health concerns. More than 66 percent remain open. Details can be found at <http://sero.nmfs.noaa.gov/>.
- To date, the administration has leveraged assets and skills from numerous foreign countries and international organizations as part of this historic, all-hands-on-deck response, including Canada, Germany, Mexico, Netherlands, Norway, the United Nations' International Maritime Organization and the European Union's Monitoring and Information Centre.

Resources:

- For information about the response effort, visit www.deepwaterhorizonresponse.com.
- For specific information about the federal-wide response, visit <http://www.whitehouse.gov/deepwater-bp-oil-spill>.
- To contact the Deepwater Horizon Joint Information Center, call (985) 902-5231.
- To volunteer, or to report oiled shoreline, call (866) 448-5816. Volunteer opportunities can also be found [here](#).
- To submit your vessel as a vessel of opportunity skimming system, or to submit alternative response technology, services, or products, call 281-366-5511.
- To report oiled wildlife, call (866) 557-1401.
- For information about validated environmental air and water sampling results, visit www.epa.gov/bpspill.
- For National Park Service updates about potential park closures, resources at risk, and NPS actions to protect vital park space and wildlife, visit <http://www.nps.gov/aboutus/oil-spill-response.htm>.
- For Fish and Wildlife Service updates about response along the Gulf Coast and the status of national wildlife refuges, visit <http://www.fws.gov/home/dhoilspill/>.
- For daily updates on fishing closures, visit <http://sero.nmfs.noaa.gov>.
- For information on assistance loans for affected businesses, visit the SBA's Web site at www.sba.gov/services/disasterassistance, call (800) 659-2955 (800-877-8339 for the hearing impaired), or email disastercustomerservice@sba.gov.
- To file a claim with BP, visit www.bp.com/claims or call BP's helpline at (800) 440-0858. A BP fact sheet with additional information is available [here](#). Those who have already pursued the BP claims process and are not satisfied with BP's resolution, can call the Coast Guard at (800) 280-7118. More information about what types of damages are eligible for compensation under the Oil Pollution Act as well

James A. Watson
Rear Admiral, USCG
Federal On-Scene Coordinator

June 18, 2010

Dear Admiral Watson:

In compliance with the May 26, 2010, Dispersant Monitoring and Assessment Directive - Addendum 3 (the "Directive"), Houma Unified Command has eliminated the surface application of dispersants, except in cases where an exemption is requested and justified, and approved by the Federal On-Scene Coordinator.

Houma Unified Command has nine (9) spotter visual reports from 18 June of multiple slicks of dispersible oil (Attachment 1) and the NOAA Surface Oil Forecast for 19 June shows extensive areas of heavy and medium oil (Attachment 2). Weather forecast indicates excellent flying weather with winds of 5-10 knots, wave height 0.5-1 feet, ceilings unlimited and visibility 10 nm; 25 per cent chance of thunderstorms in the area.

Houma Unified Command anticipates that, due to the weather, location, distribution (4,500 sqmi) and size of the multiple oil slicks identified the use of mechanical recovery and ISB to recover or remove the oil in the target area will be insufficient to remove the spill volume on June 19 2010. Prior to spray operations the spotter aircraft will identify the high value targeted slicks and will direct spray aircraft to the heaviest portions of the slick.

Pursuant to a request this date from Unified Command, the following information is provided.

- Estimated size of identified dispersible oil slick targets proposed in designated zones: this information is included in Table 1 with the estimate of the amount of dispersant needed to treat these slicks.
- Explicit justification for why these targets can't be skimmed or addressed by other mechanical means: The use of mechanical recovery to recover or remove the oil in the identified target areas will be insufficient to remove the estimated dispersible oil volumes that we have estimated for tomorrow. The targeted oil herein is dispersible oil and dispersible oil is not the only oil demanding mechanical recovery assets. The geographic area of the spill site contains a combination of dispersible oil, heavy sheens and emulsified oil. Mechanical recovery devices are required elsewhere throughout the entire geographic area to address all areas and all oils that can be recovered mechanically and not just the dispersible oils and are therefore otherwise engaged. Generally the skimming vessels are concentrated near the source site so that they can remain in the

Rear Admiral James A. Watson

6/19/2010

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heaviest oil and collect the highest volume of oil. Other skimming assets are deployed nearshore to recover oil before it comes ashore.

- Tabulation of number of assets (skimmers, etc.) in service today and how many assets are available yet not in service: A daily summation of skimmers in the source area and outside the source is now being provided daily to the Aerial Dispersant Group for insertion in this report (Attachment 3). Our review of the assets listed below reveal that they are engaged in skimming operations with some out of service for various reasons.
- It is planned to conduct multiple Tier 1 helicopter SMART overflights to observe dispersant operations. Additionally, the M/V *International Peace* plans to conduct boat spray testing on fresh oil with water chemistry and toxicology sampling. The QA/QC report on the SMART Tier 1 observations for the 17th is attached.

Accordingly, in accordance with the Directive, the Houma Unified Command respectfully requests an exemption to apply EC9500A in volumes on oil slicks located today shown in Table 1 not to exceed 16,400 gallons for a period not to exceed 12 hours.

Sincerely,

Houma Unified Command

Exemption approved subject to the above:



James A. Watson
Rear Admiral, USCG
Federal On-Scene Coordinator

Date: 6-19-10

Dispersant Zone Map for 19 June 2010 with Oil Targets from Spotter Operations on 18 June

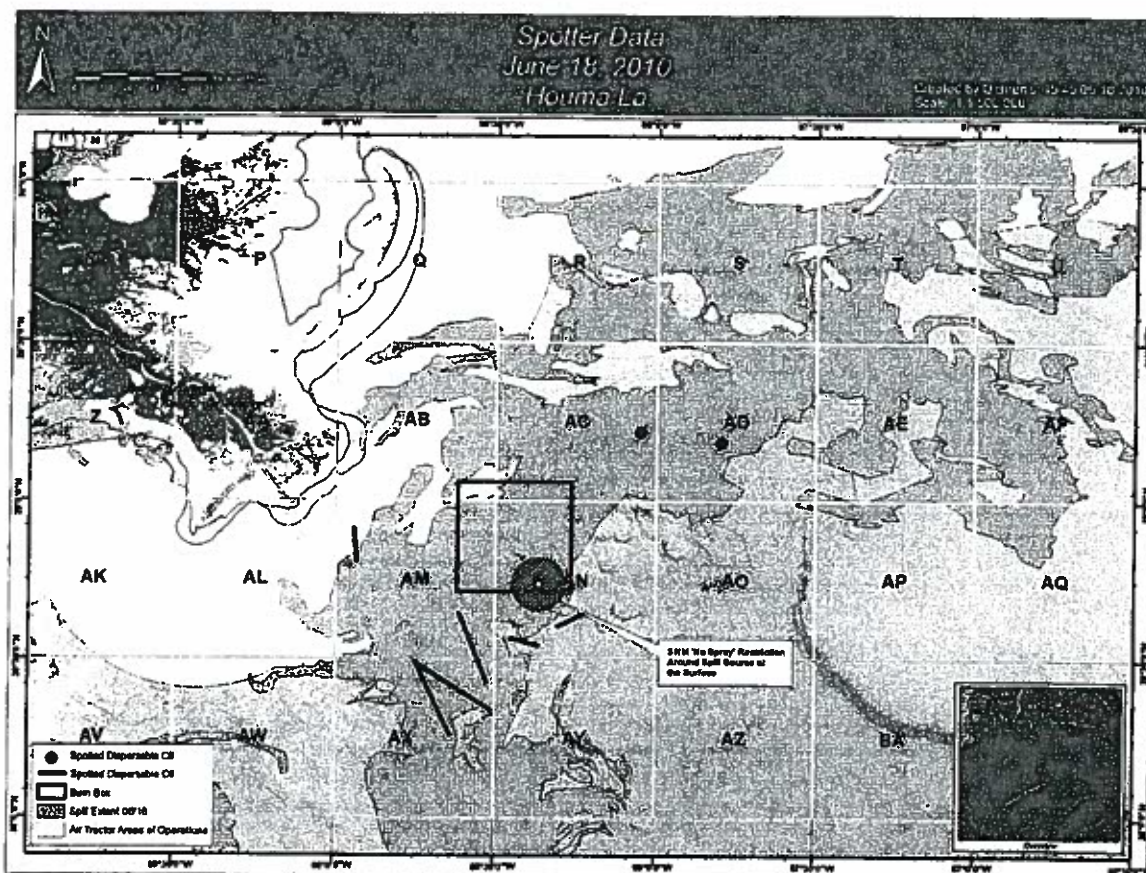


TABLE 1
Dispersible Oil Report June 18, 2010

Zone	# of slicks reported	Area in acres	Estimated percentage dispersible oil	Dispersant Needed (1/20 DOR)
AC	1	2560	30	3,840
AD	1	192	90	864
AM	2	1280	80	5,120
AN	2	3360	30-90	5,520
AX	2	736	20	1,024
TOTAL				16,368

Note: Table 1 shows our intentions based upon our observations the day before these actions take place. Size and location of slicks will change. Activities within slick areas e.g., skimming operations, in-situ burning, etc., or weather conditions may require revisions to the actual operational plan implemented.

Rear Admiral James A. Watson

6/19/2010

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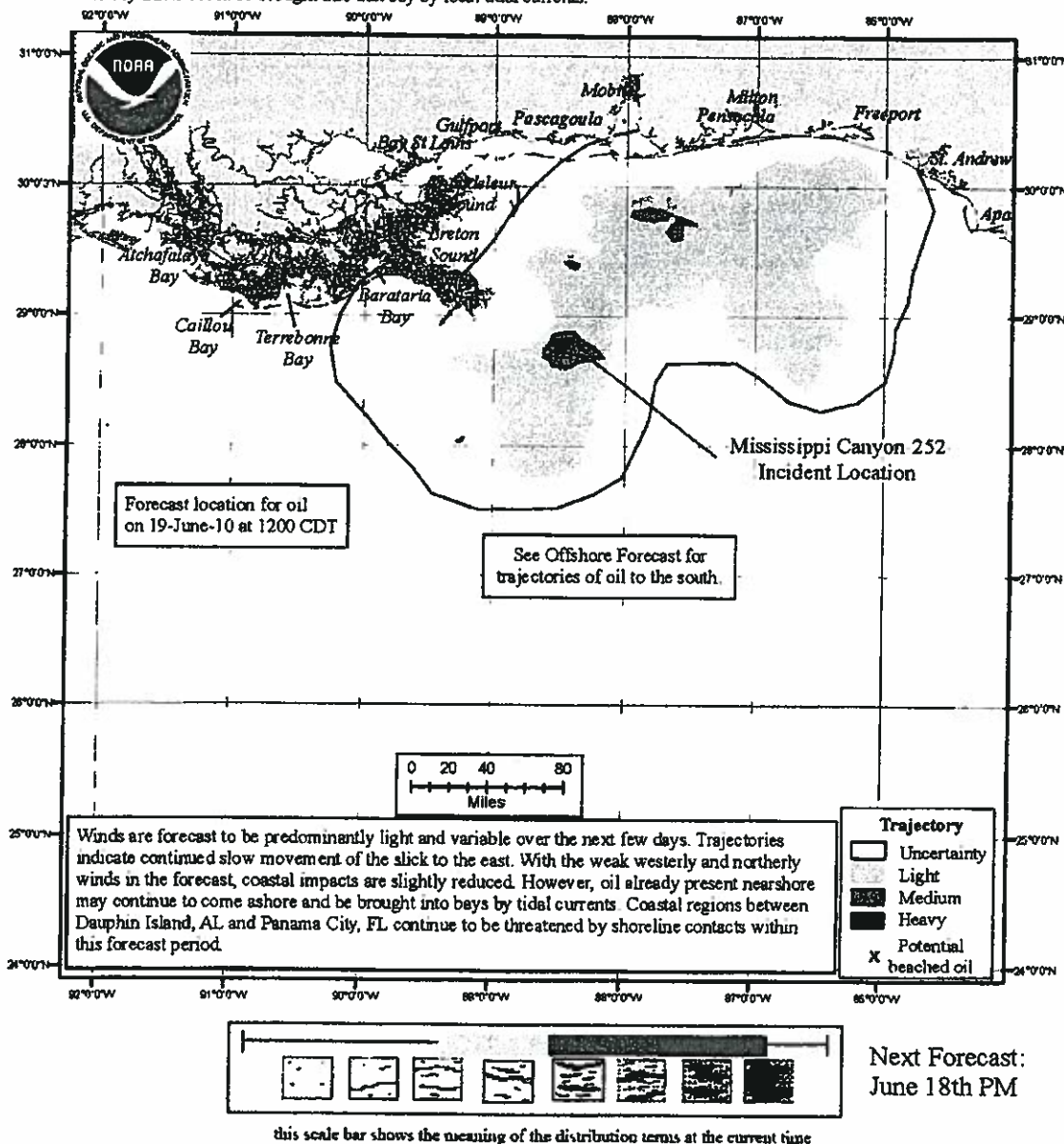
Nearshore Surface Oil Forecast Deepwater Horizon MC252

NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Saturday, 6/19/10
 Date Prepared: 2100 CDT, Thursday, 6/17/10

This forecast is based on the NWS spot forecast from Thursday, June 17 PM. Currents were obtained from several models (West Florida Shelf/USF, TGLO/TAMU, NAVO/NRL) and HFR measurements. The model was initialized from Wednesday-Thursday satellite imagery analysis (NOAA/NESDIS) and Thursday overflight observations. The leading edge may contain tarballs that are not readily observable from the imagery (hence not included in the model initialization). Oil near bay inlets could be brought into that bay by local tidal currents.



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Attachment 3

Offshore Skimming Resources

SOURCE						Date/Time	18 June 1500
Designator	Kind/Type	Vessel	Assignment	Status		Location	ETA
MSR	RV1/Vel	Mississippi Responder	MSRC	In Ship		Ft Jackson	
LR	RV1/Vel	Lana Rose (JRC VOSS)	JRC	Equipment		HC-252	
MA	RV1/Vel	Mt. Alex (w/COA FRU)	CGA	Mechanical		HC-252	
RE	RV1/Bot	Rene (Navy Harco)	Fed	Equipment		HC-252	
TS	RV1/Vel	Texas Sea Searcher	TS	On-scene		White Tail	
CR	RV1/Vel	Crosby Clipper	TF Storage	Standby		White Tail	
K	RV1/Vel	K Sea DBL-155 (Rebel)	TF Storage	On-scene		HC-252	
402	TV2	MSRC 402 Barge (Kimberly Cella)	TF Storage	On-scene		HC-252	
452	TV1	MSRC 452 Barge (Tara Crosby)	TF Storage	Standby		Ft Jackson	
570	TV1	MSRC 570 Barge (Crosby Clipper)	TF Storage	Standby		White Tail	
155	TV1	K Sea DBL-155 (Rebel)	TF Storage	On-scene		HC-252	

Rear Admiral James A. Watson

6/19/2010

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Costner	TVI	Energy HLD1 (Superior Service)	Costner	TF Storage	On-scene	HC-252
Boom Boats						
Designator		Vessel	Assignment		Location	ETA
CC	WB2	Chanese G	Source	Stand by	Venice	
SF	WB2	Sea Fox	Source	Stand by	Venice	
MSL	WB2	Ms. Addison	Source	Mechanical	Venice	
JN	WB2	Julienne Marie	Source	Stand by	Venice	
HE	WB1	Hercules	Source	Boom tow	Enroute	
MR	WB1	Mr. Randolph	Source	Boom tow	Enroute	
SH	WB2	Sea Hawk	Source	Stand by	Venice	
Crew / Re-supply						
ML	WB2	Mr. Leroy	Shuttle/Re-su	Supply Run	Venice Based	
FO	WB2	Fox	Ampol Re-sup	Supply Run	Venice Based	
JP	WB2	Jean Perry (Drop Box)	Shuttle/Re-su	Supply Run	Venice Based	
CS	WB4	Corissa Shane	Shuttle/Re-su	Supply Run	Venice Based	
KL	WB2	Katie Lynn	Shuttle/Re-su	Supply Run	Venice Based	
EV	WB2	Eveready	NRC Re-suppl	Supply Run	Venice Based	
MW	WB2	Miss Wynter	NRC Re-suppl	Supply Run	Venice Based	
BC	WB2	Ben Charamie	Shuttle/Re-su	Supply Run	Venice Based	
Inland Barges						
331	TV3	Cenac 331 Barge	TF Storage	5,000 bbl open	Ft Jackson	
323	TV3	Cenac 323 Barge	TF Storage	21,000 bbl open	Venice	
324	TV3	Cenac 324 Barge	TF Storage	21,000 bbl open	Venice	
HM-3048	TV3	Higman 3048 Barge	TF Storage	Full	Enroute	Houston
HM-3049	TV3	Higman 3049 Barge	TF Storage	8,000 bbl open	Venice New Park	

Deepwater Horizon Incident – Houma Incident Command Center

SMART Tier 1 Preliminary Data Quality Assessment and Review

SMART Tier 1 data consists of observations summarized in an Activity Log (Unit Log ICS 214-CG) and pre- and post-application photographs and associated photo log of dispersant spray operations. This form documents the results of a preliminary quality assessment review of these documents.

Smart Air Team #: 2 Date: 6/17/2010

Operational Period: 0000 17 June 2010 to 2359 17 June 2010

Data Review (Check documents that were reviewed)

- ☒ Unit Log – ICS 214-CG
- ☒ Photographs (How many reviewed? 12)
- ☒ Photo Log

Assessment (Check appropriate box(s))

- ☒ Concur with SMART observer findings (reasonableness of findings)
- ☐ Issues of note from data review. Briefly describe.

☒ Dispersant is effective based on review of Activity Log, photographs, and photo log.

☐ Results inconclusive with respect to dispersant effectiveness.

☐ Other. Briefly describe.

Reviewed by Dispersant Assessment Group Member (Print name, sign, and date)

Name: Mate BenKiney Signature: [Signature] Date: 6/18/10

Reviewed by NOAA SSC (Print name, sign, and date)

Name: GARY OTT Signature: [Signature] Date: 6/18/10

Freedhoff, Michal

From: Deepwater Horizon Response External Affairs [donotreply@deepwaterhorizonresponse.com]
Sent: Sunday, June 20, 2010 6:22 PM
To: Freedhoff, Michal
Subject: The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

DATE: June 20, 2010 17:18:08 CST

The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

Key contact numbers

- Report oiled shoreline or request volunteer information: (866) 448-5816
- Submit alternative response technology, services or products: (281) 366-5511
- Submit your vessel for the Vessel of Opportunity Program: (866) 279-7983 or (877) 847-7470
- Submit a claim for damages: (800) 440-0858
- Report oiled wildlife: (866) 557-1401

The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

Prepared by the Joint Information Center

UPDATED June 20, 2010 5 PM

* For a full timeline of the Administration-wide response, visit the [White Paper](#)

PAST 24 HOURS

BP Continues to Optimize Oil Recovery Rates from its Leaking Well

Under the direction of the federal government, BP continues to capture some oil and burn gas at the s technique.

In addition to the *Discoverer Enterprise*, which is linked by the riser pipe to the wellhead, a second rec off additional oil and gas being brought up through the choke and kill lines—a method that was also p

Progress Continues in Drilling Relief Wells

The *Development Driller III* continues to drill the first relief well to a depth of approximately 11,000 feet the process of cementing and casing the well liner. The *Development Driller II* has drilled the second r the direction of the administration—to a depth of approximately 5,000 feet below the sea floor.

Florida Command Post Partners with Volunteer Organization to Boost Cleanup Effort

In response to growing public interest about opportunities to participate in the nation's largest oil spill c Command Post has partnered with [Volunteer Florida](#), a state-based volunteer organization, to match I For more information about other non-paid, volunteer opportunities, as well as paid positions that requi visit www.deepwaterhorizonresponse.com.

EPA Continues to Conduct Air, Water and Sediment Monitoring in the Gulf.

EPA is conducting additional air monitoring for ozone and airborne particulate matter. The air monitori levels of ozone and particulates ranging from the "good" to "unhealthy for sensitive groups" levels on f

EPA's analysis of surface water along the Gulf coast found elevated levels of nickel above benchmark on June 11-13, 2010. This might affect fish and shellfish exposed for an extended period.

Successful Controlled Burn

In recent days, favorable weather conditions have allowed responders to conduct successful controlle response that combines tactics deployed above water, below water, offshore, and close to coastal are from the open water in an effort to protect shoreline and wildlife. In total, 250 burns have been conduc

of oil from the water.

Administration Continues to Oversee BP's Claims Process

The administration will continue to hold the responsible parties accountable for repairing the damage, and repaying Americans who've suffered a financial loss as a result of the BP oil spill. To date, 65,703 claims have been opened, from which more than \$107.4 million have been disbursed. No claims have been denied to date. There are 720 claims adjusters on the ground. To file a claim, visit www.bp.com/claims or call BP's helpline at 1-800-440-0858. Those who have already pursued the BP claims process and are not satisfied with BP's resolution can call the Coast Guard at (800) 280-7118. Additional information about the BP claims process and all available avenues of assistance can be found at www.disasterassistance.gov.

By the Numbers to Date:

- The administration has authorized the deployment of 17,500 National Guard troops from Gulf Coast states to respond to this crisis; to date, 1,612 have been activated.
- Approximately 33,700 personnel are currently responding to protect the shoreline and wildlife and cleanup vital coastlines.
- More than 6,300 vessels are currently responding on site, including skimmers, tugs, barges, and recovery vessels to assist in containment and cleanup efforts—in addition to dozens of aircraft, remotely operated vehicles, and multiple mobile offshore drilling units.
- Approximately 2.47 million feet of containment boom and 3.91 million feet of sorbent boom have been deployed to contain the spill—and approximately 50,000 feet of containment boom and 1.91 million feet of sorbent boom are available.
- Approximately 23.5 million gallons of an oil-water mix have been recovered.
- Approximately 1.39 million gallons of total dispersant have been applied—939,000 on the surface and 454,000 subsea. More than 470,000 gallons are available.
- 250 controlled burns have been conducted, efficiently removing a total of more than 6.32 million gallons of oil from the open water in an effort to protect shoreline and wildlife.
- 17 staging areas are in place to protect sensitive shorelines.
- Approximately 59 miles of Gulf Coast shoreline is currently experiencing impacts from BP's leaking oil—approximately 34 miles in Louisiana, four miles in Mississippi, nine miles in Alabama, and 12 miles in Florida.
- Approximately 80,800 square miles of Gulf of Mexico federal waters remain closed to fishing in order to balance economic and public health concerns. More than 66 percent remain open. Details can be found at <http://sero.nmfs.noaa.gov/>.
- To date, the administration has leveraged assets and skills from numerous foreign countries and international organizations as part of this historic, all-hands-on-deck response, including Canada, Germany, Mexico, Netherlands, Norway, the United Nations' International Maritime Organization and the European Union's Monitoring and Information Centre.

Resources:

- For information about the response effort, visit www.deepwaterhorizonresponse.com.
- For specific information about the federal-wide response, visit <http://www.whitehouse.gov/deepwater-bp-oil-spill>.
- To contact the Deepwater Horizon Joint Information Center, call (713) 323-1670.
- To volunteer, or to report oiled shoreline, call (866) 448-5816. Volunteer opportunities can also be found [here](#).
- To submit your vessel as a vessel of opportunity skimming system, or to submit alternative response technology, services, or products, call 281-366-5511.
- To report oiled wildlife, call (866) 557-1401.
- For information about validated environmental air and water sampling results, visit www.epa.gov/bpspill.
- For National Park Service updates about potential park closures, resources at risk, and NPS actions to protect vital park space and wildlife, visit <http://www.nps.gov/aboutus/oil-spill-response.htm>.
- For Fish and Wildlife Service updates about response along the Gulf Coast and the status of national wildlife refuges, visit <http://www.fws.gov/home/ohoilspill/>.
- For daily updates on fishing closures, visit <http://sero.nmfs.noaa.gov>.
- For information on assistance loans for affected businesses, visit the SBA's Web site at www.sba.gov/services/disasterassistance, call (800) 659-2955 (800-877-8339 for the hearing impaired), or email disastercustomerservice@sba.gov.
- To file a claim with BP, visit www.bp.com/claims or call BP's helpline at (800) 440-0858. A BP fact sheet with additional information is available [here](#). Those who have already pursued the BP claims process and are not satisfied with BP's resolution, can call the Coast Guard at (800) 280-7118. More information about what types of damages are eligible for compensation under the Oil Pollution Act as well as guidance on procedures to seek that compensation can be found [here](#).
- In addition, www.disasterassistance.gov has been enhanced to provide a one-stop shop for information on how to file a claim with BP and access additional assistance—available in English and Spanish.
- Any members of the press who encounter response personnel restricting their access or violating the [media access policy](#) set forth by

James A. Watson
Rear Admiral, USCG
Federal On-Scene Coordinator

June 19, 2010

Dear Admiral Watson:

In compliance with the May 26, 2010, Dispersant Monitoring and Assessment Directive - Addendum 3 (the "Directive"), Houma Unified Command has eliminated the surface application of dispersants, except in cases where an exemption is requested and justified, and approved by the Federal On-Scene Coordinator.

Houma Unified Command has eleven (11) spotter visual reports from 19 June of multiple slicks of dispersible oil (Attachment 1) and the NOAA Surface Oil Forecast for 20 June shows extensive areas of heavy and medium oil (Attachment 2). Weather forecast indicates excellent flying weather with winds of 4-8 knots, wave height 0.5-1 feet, ceilings unlimited and visibility 10 nm; 40 per cent chance of thunderstorms in the area.

Houma Unified Command anticipates that, due to the weather, location, distribution (4,500 sqmi) and size of the multiple oil slicks identified the use of mechanical recovery and ISB to recover or remove the oil in the target area will be insufficient to remove the spill volume on June 20 2010. Prior to spray operations the spotter aircraft will identify the high value targeted slicks and will direct spray aircraft to the heaviest portions of the slick.

Pursuant to a request this date from Unified Command, the following information is provided.

- Estimated size of identified dispersible oil slick targets proposed in designated zones: this information is included in Table 1 with the estimate of the amount of dispersant needed to treat these slicks.
- Explicit justification for why these targets can't be skimmed or addressed by other mechanical means: The use of mechanical recovery to recover or remove the oil in the identified target areas will be insufficient to remove the estimated dispersible oil volumes that we have estimated for tomorrow. The targeted oil herein is dispersible oil and dispersible oil is not the only oil demanding mechanical recovery assets. The geographic area of the spill site contains a combination of dispersible oil, heavy sheens and emulsified oil. Mechanical recovery devices are required elsewhere throughout the entire geographic area to address all areas and all oils that can be recovered mechanically and not just the dispersible oils and are therefore otherwise engaged. Generally the skimming vessels are concentrated near the source site so that they can remain in the

heaviest oil and collect the highest volume of oil. Other skimming assets are deployed nearshore to recover oil before it comes ashore.

- Tabulation of number of assets (skimmers, etc.) in service today and how many assets are available yet not in service: A daily summation of skimmers in the source area and outside the source is now being provided daily to the Aerial Dispersant Group for insertion in this report (Attachment 3). Our review of the assets listed below reveal that they are engaged in skimming operations with some out of service for various reasons.
- It is planned to conduct multiple Tier 1 helicopter SMART overflights to observe dispersant operations. Additionally, the M/V *International Peace* will be returning to port for the transfer of samples and re-provisioning. The QA/QC report on the SMART Tier 1 observations for the 18th will be provided to EPA tomorrow morning.

Accordingly, in accordance with the Directive, the Houma Unified Command respectfully requests an exemption to apply EC9500A in volumes on oil slicks located today shown in Table 1 not to exceed 15,500 gallons for a period not to exceed 12 hours.

Sincerely,

Houma Unified Command

Exemption approved subject to the above:



James A. Watson
Rear Admiral, USCG
Federal On-Scene Coordinator

Date: 6-20-10

Dispersant Zone Map for 20 June 2010 with Oil Targets from Spotter Operations on 19 June

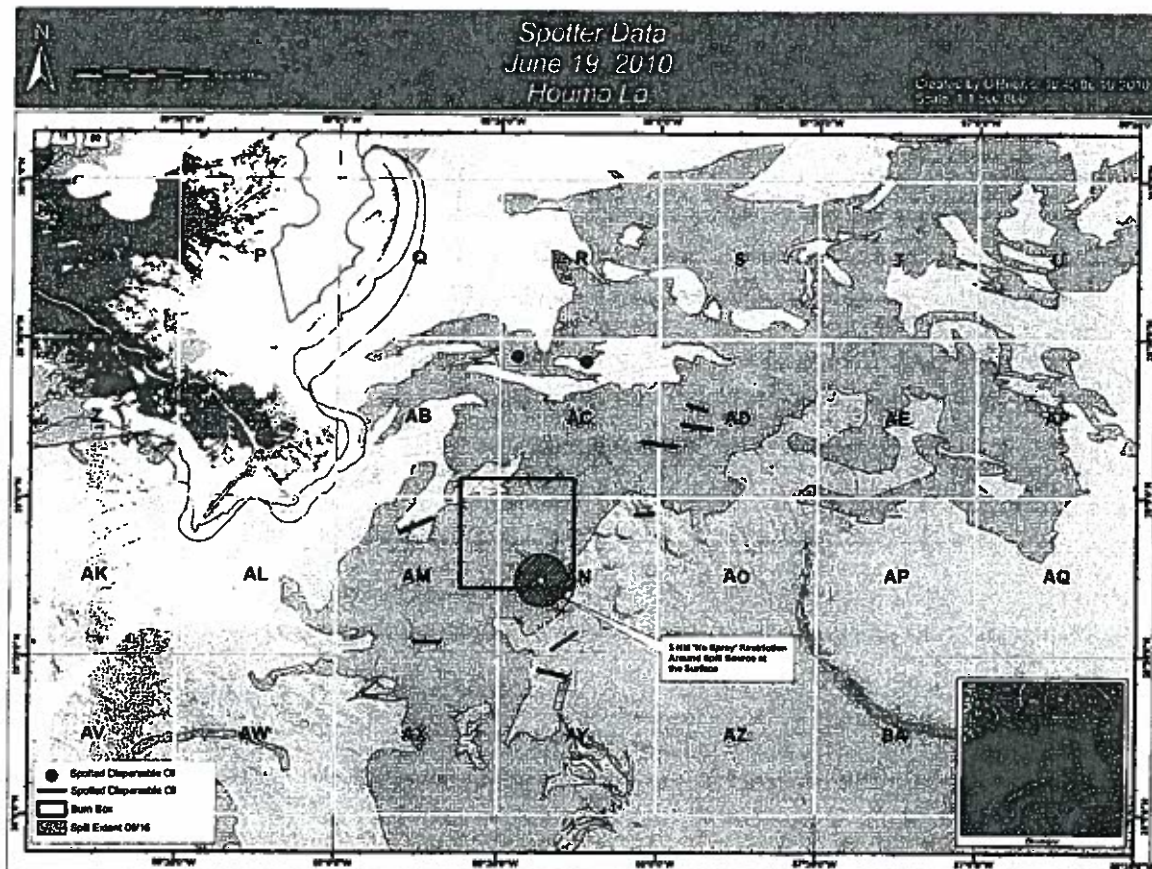


TABLE 1
Dispersible Oil Report June 19, 2010

Zone	# of slicks reported	Area in acres	Estimated percentage dispersible oil	Dispersant Needed (1/20 DOR)
AC	3	280	20-50	600
AD	3	1,172	30-50	2,611
AM	3	12,198	15-60	9,638
AN	3	2,880	15-20	2,480
AY	1	127	20	130
TOTAL				15,459

Note: Table 1 shows our intentions based upon our observations the day before these actions take place. Size and location of slicks will change. Activities within slick areas e.g., skimming operations, in-situ burning, etc., or weather conditions may require revisions to the actual operational plan implemented.

Attachment 2

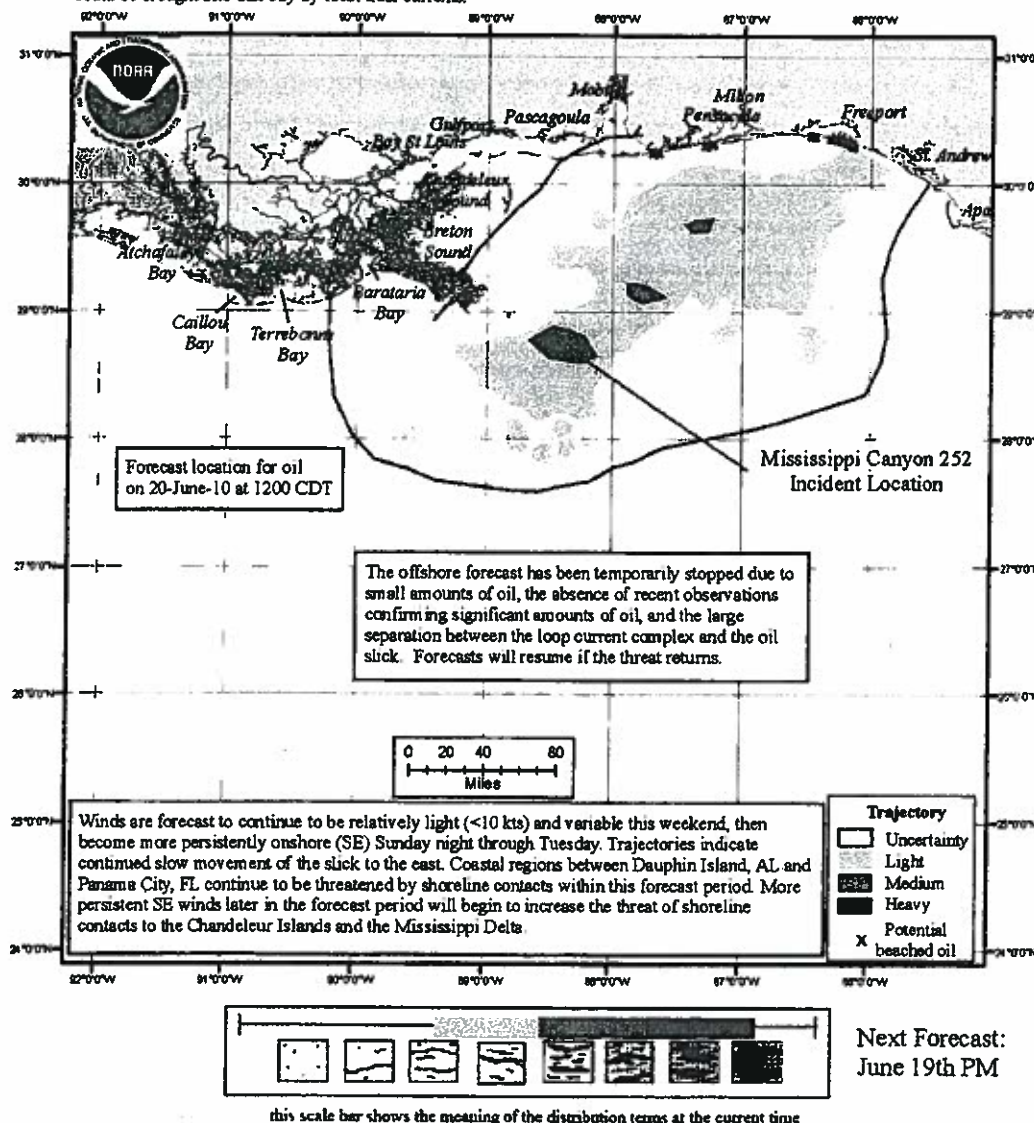
**Nearshore
Surface Oil Forecast
Deepwater Horizon MC252**

NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Sunday, 6/20/10
Date Prepared: 2100 CDT, Friday, 6/18/10

This forecast is based on the NWS spot forecast from Friday, June 18 PM. Currents were obtained from several models (West Florida Shelf/USF, TGLO/TAMU, NAVO/NRL) and HFR measurements. The model was initialized from Thursday-Friday satellite imagery analysis (NOAA/NESDIS) and Friday overflight observations. The leading edge may contain tarballs that are not readily observable from the imagery (hence not included in the model initialization). Oil near bay inlets could be brought into that bay by local tidal currents.



Attachment 3

Offshore Skimming Resources

SOURCE		Date/Time 19 June 1500				
Designator	Kind/Type	Vessel	Assignment	Status	Location	ETA
VAR	RV1/Weir	Virginia Responder	MSRC	Pt stop	Ft Jackson	
IR	RV1/Weir	Lara Rose (NRC VOSS)	HRC	Equipment	HC-252	
PER	RV1/Belt	HRC Perseverance	HRC	Mechanical	HC-252	
HA	RV1/Weir	Ht. Alex (w/CGA FRU)	CGA	Mechanical	HC-252	
RE	RV1/Belt	Rene (Havy Harco)	Fed	Equipment	HC-252	
452	TV1	MSRC 452 Barge (Kimberly Cole)	TF Storage	On-scene	HC-252	
570	TV1	MSRC 570 Barge (Crosby Clipper)	TF Storage	Standby	White Tail	
155	TV1	K-Sea DBL-155 (Rebel)	TF Storage	On-scene	HC-252	

Rear Admiral James A. Watson

6/19/2010

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Costner	TV1	Energy 8001 (Superior Service)	Costner	TF Storage	On-scene	RC 252
Boom Boats						
Designator		Vessel	Assignment		Location	ETA
CC	WB2	Chanese G	Source	Standby	Venice	
SF	WB2	Sea Fox	Source	Standby	Venice	
MSE	WB2	Ms. Addison	Source	Mechanical	Venice	
JN	WB2	Julienne Marie	Source	Standby	Venice	
HE	WB1	Hercules	Source	Boom tow	Enroute	
MR	WB1	Mr Randolf	Source	Boom tow	Enroute	
SH	WB2	Sea Hawk	Source	Standby	Venice	
Crew / Re-supply						
ML	WB2	Mr. Leroy	Shuttle/Re-su	Supply Run	Venice Based	
FO	WB2	Fox	Ampol Re-sup	Supply Run	Venice Based	
JP	WB2	Jean Perry (Drop Box)	Shuttle/Re-su	Supply Run	Venice Based	
CS	WB4	Corissa Shane	Shuttle/Re-su	Supply Run	Venice Based	
KL	WB2	Katie Lynn	Shuttle/Re-su	Supply Run	Venice Based	
EV	WB2	Eveready	NRC Re-suppl	Supply Run	Venice Based	
MW	WB2	Miss Wynter	NRC Re-suppl	Supply Run	Venice Based	
BC	WB2	Ben Charamle	Shuttle/Re-su	Supply Run	Venice Based	
Inland Barges						
331	TV3	Cenac 331 Barge	TF Storage	5,000 bbl open	Ft. Jackson	
323	TV3	Cenac 323 Barge	TF Storage	21,000 bbl open	Venice	
324	TV3	Cenac 324 Barge	TF Storage	21,000 bbl open	Venice	
HM-3048	TV3	Higman 3048 Barge	TF Storage	Full	Enroute	Houston
HM-3049	TV3	Higman 3049 Barge	TF Storage	8,000 bbl open	Venice New Park	

James A. Watson
Rear Admiral, USCG
Federal On-Scene Coordinator

June 20, 2010

Dear Admiral Watson:

In compliance with the May 26, 2010, Dispersant Monitoring and Assessment Directive - Addendum 3 (the "Directive"), Houma Unified Command has eliminated the surface application of dispersants, except in cases where an exemption is requested and justified, and approved by the Federal On-Scene Coordinator.

Houma Unified Command has eight (8) spotter visual reports from 20 June of multiple slicks of dispersible oil (Attachment 1) and the NOAA Surface Oil Forecast for 21 June shows extensive areas of heavy and medium oil (Attachment 2). Weather forecast indicates flying weather with winds of 4-8 knots, wave height 0.5-1 feet, ceilings unlimited and visibility 10 nm; 20 per cent chance of thunderstorms in the area.

Houma Unified Command anticipates that, due to the weather, location, distribution (4,500 sq.mi.) and size of the multiple oil slicks identified the use of mechanical recovery and ISB to recover or remove the oil in the target area will be insufficient to remove the spill volume on June 21, 2010. Prior to spray operations the spotter aircraft will identify the high value targeted slicks and will direct spray aircraft to the heaviest portions of the slick.

Pursuant to a request this date from Unified Command, the following information is provided.

- Estimated size of identified dispersible oil slick targets proposed in designated zones: this information is included in Table 1 with the estimate of the amount of dispersant needed to treat these slicks.
- Explicit justification for why these targets can't be skimmed or addressed by other mechanical means: The use of mechanical recovery to recover or remove the oil in the identified target areas will be insufficient to remove the estimated dispersible oil volumes that we have estimated for tomorrow. The targeted oil herein is dispersible oil and dispersible oil is not the only oil demanding mechanical recovery assets. The geographic area of the spill site contains a combination of dispersible oil, heavy sheens and emulsified oil. Mechanical recovery devices are required elsewhere throughout the entire geographic area to address all areas and all oils that can be recovered mechanically and not just the dispersible oils and are therefore otherwise engaged. Generally the skimming vessels are concentrated near the source site so that they can remain in the

heaviest oil and collect the highest volume of oil. Other skimming assets are deployed nearshore to recover oil before it comes ashore.

- Tabulation of number of assets (skimmers, etc.) in service today and how many assets are available yet not in service: A daily summation of skimmers in the source area and outside the source is now being provided daily to the Aerial Dispersant Group for insertion in this report (Attachment 3). Our review of the assets listed below reveal that they are engaged in skimming operations with some out of service for various reasons.
- It is planned to conduct multiple Tier 1 helicopter SMART overflights to observe dispersant operations. Additionally, the M/V **International Peace** will be returning to sea for sampling operations this evening. QA/QC SMART report for June, 19, 2010, is provided at Attachment 4.

Accordingly, in accordance with the Directive, the Houma Unified Command respectfully requests an exemption to apply EC9500A in volumes on oil slicks located today shown in Table 1 not to exceed 22,600 gallons for a period not to exceed 12 hours.

Sincerely,

Houma Unified Command

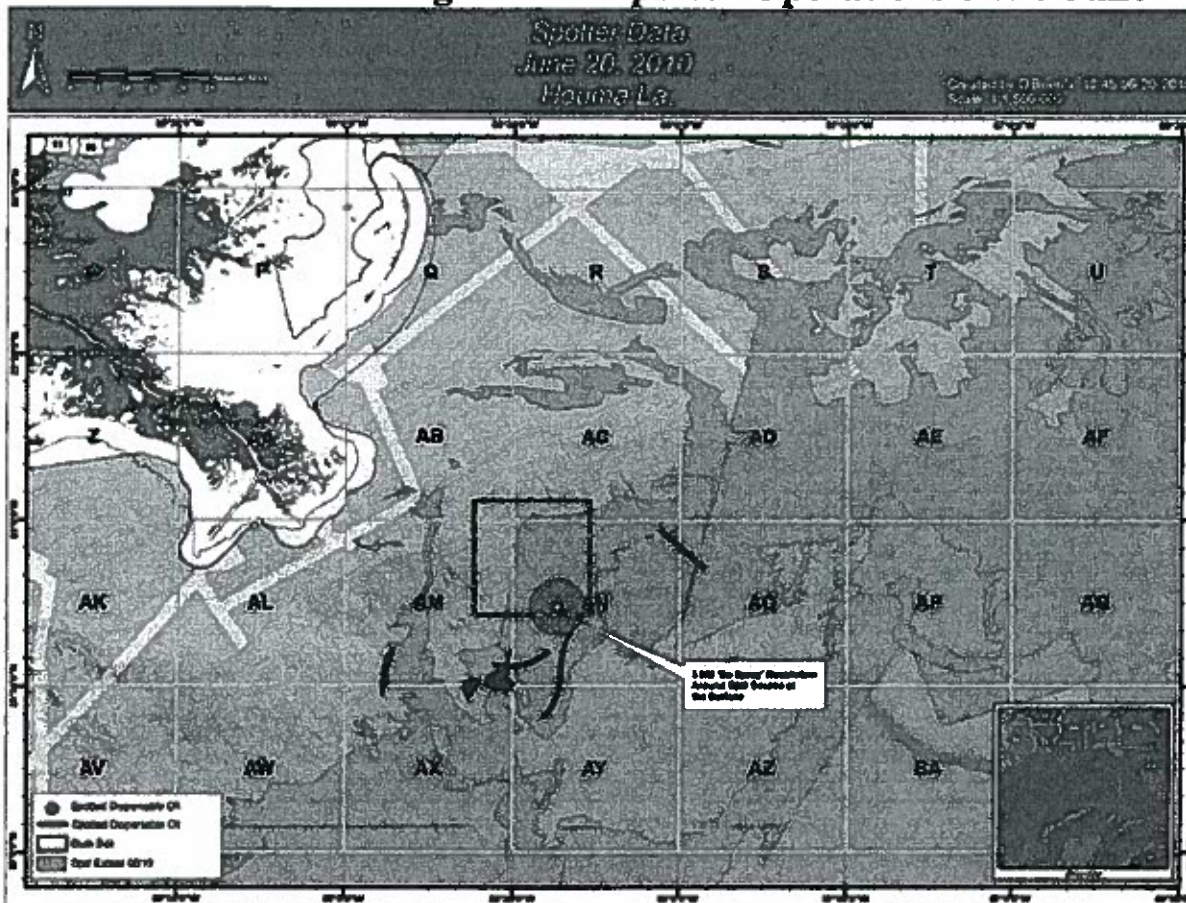
Exemption approved subject to the above:



James A. Watson
Rear Admiral, USCG
Federal On-Scene Coordinator

Date: 6-20-10

Dispersant Zone Map for 21 June 2010 with Oil Targets from Spotter Operations on 20 June



**TABLE 1
Dispersible Oil Report June 20, 2010**

Zone	# of slicks reported	Area in acres	Estimated percentage dispersible oil (range is for multiple slicks)	Dispersant Needed (1/20 DOR)
AN	3	3,839	30-80	7,195
AM-AX	3	44,294	5-50	11,780
AY	1	2,240	30	3,360
AO	1	157	35	275
TOTAL				22,610

Note: Table 1 shows our intentions based upon our observations the day before these actions take place. Size and location of slicks will change. Activities within slick areas e.g., skimming operations, in-situ burning, etc., or weather conditions may require revisions to the actual operational plan implemented.

Deepwater Horizon MC252

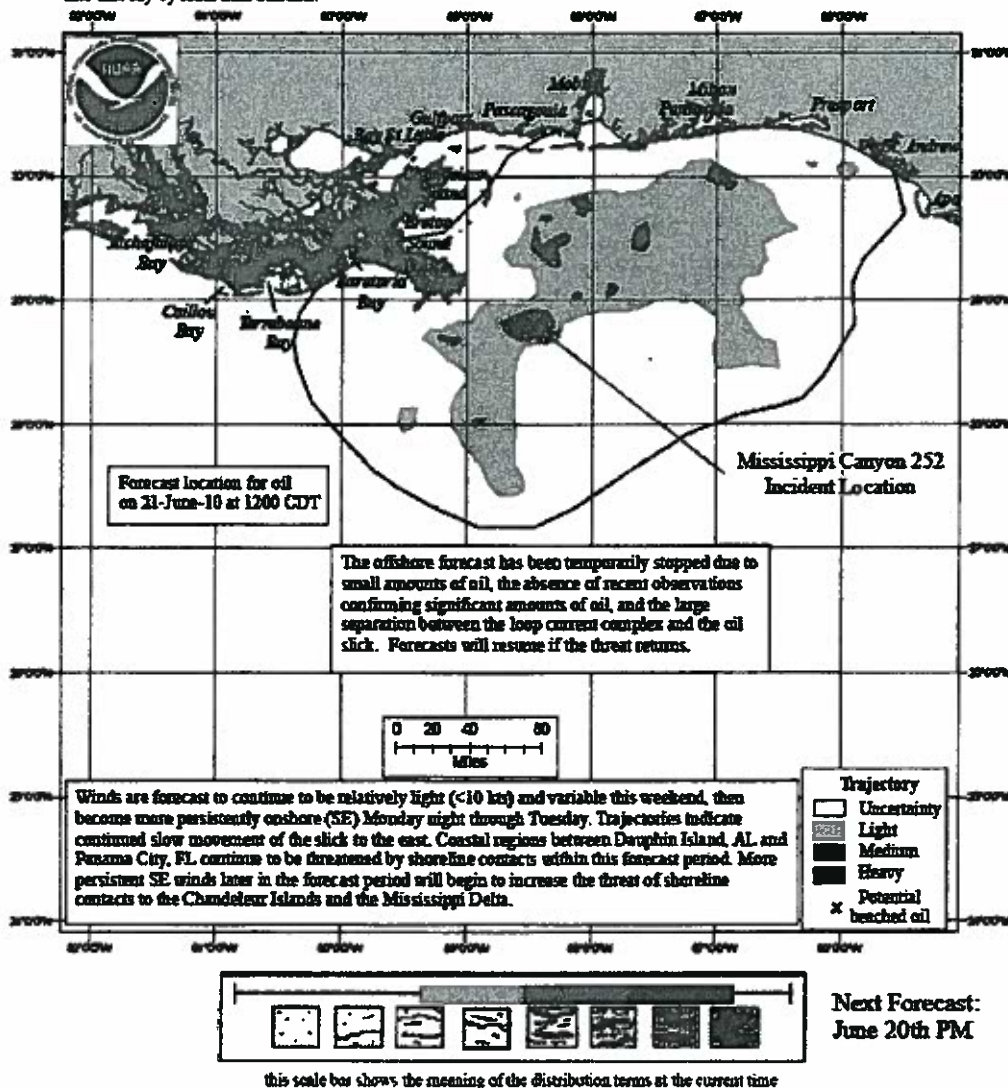
NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Monday, 6/21/10

Date Prepared: 2100 CDT, Saturday, 6/19/10

This forecast is based on the NWS spot forecast from Saturday, June 19 PM. Currents were obtained from several models (West Florida Shelf/USF, TGLO/TAMU, NAVONRL) and EPR measurements. The model was initialized from Saturday satellite imagery analysis (NOAA/NESDIS) and overflight observations. The leading edge may contain turbidity that is not readily observable from the imagery (hence not included in the model initialization). Off near bay inlets could be brought into that bay by local tidal currents.



Offshore Skimming Resources

SOURCE				Date/Time 20 June 1600		
Designator	Kind/Type	Vessel	Assignment	Status	Location	ETA
LAR	RVI/Weir	Louisiana Responder	MSRC	Skimming	MC-252	
CCR	RVI/Weir	Gulf Coast Responder	MSRC	Skimming	MC-252	
FOR	RVI/Weir	Texas Responder	MSRC	Skimming	MC-252	
MAR	RVI/Weir	Marine Responder	MSRC	Skimming	MC-252	
MSR	RVI/Weir	Mississippi Responder	MSRC	Skimming	MC-252	
GOR	RVI/Weir	Gulf of Mexico Responder	MSRC	Skimming	MC-252	
DER	RVI/Weir	Delaware Responder	MSRC	Skimming	MC-252	
VAR	RVI/Weir	Virginia Responder	MSRC	Fit stop	Ft Jackson	
FLR	RVI/Weir	Florida Responder	MSRC	Reassigned Mobile	Mobile	
NJR	RVI/Weir	New Jersey Responder	MSRC	Reassigned Mobile	Mobile	
HOSS	RVI/Barge	CGA HOSS Barge (Crosby Clipper)	TF HOSS	Skimming	MC-252	
SV	RVI/Weir	Seafar Vanguard (Current Buster 2 on)	Subsea	Skimming	MC-252	
IC	RVI/Weir	Irish Coast Guard (Crosby Clipper)	Subsea	Skimming	MC-252	
LR	RVI/Weir	Lana Rose (NRC VOSS)	NRC	Equipment	MC-252	
PER	RVI/Barge	NRC Perseverance	NRC	Mechanical	MC-252	
LF	RVI/Barge	Luna Rose (NRC Barge)	NRC	Skimming	MC-252	
LEB	RVI/Barge	Luna Rose (NRC Barge)	NRC	Skimming	MC-252	
NG	RVI/Weir	North Sea (CGA FRU)	CGA	Skimming	MC-252	
BT	RVI/Weir	British Tugboat (CGA FRU)	CGA	Skimming	MC-252	
BAR	RVI/Weir	Barbados (CGA FRU)	CGA	Skimming	MC-252	
MA	RVI/Weir	Mr. Alex (CGA FRU)	CGA	Mechanical	MC-252	
MC	RVI/Barge	Marine (NRC Barge)	NRC	Skimming	MC-252	
RP	RVI/Barge	Rebel (NRC Barge)	NRC	Reassigned Non-Source	Non-Source	
RT	RVI/Weir	Rebel (NRC Barge)	NRC	Reassigned Non-Source	Non-Source	
SW	RVI/Weir	Seafar Vanguard (Crosby Clipper)	Subsea	Skimming	MC-252	
BR	RVI/Weir	British Tugboat (CGA FRU)	CGA	Skimming	MC-252	
SV	RVI/Weir	Seafar Vanguard (Crosby Clipper)	Subsea	Skimming	MC-252	
MC	RVI/Barge	Marine (NRC Barge)	NRC	Reassigned Mobile	Mobile	
AR	RVI/Barge	NRC Admiral	NRC	Reassigned Non-Source	Non-Source	
SB	RVI/Barge	Seafar Vanguard (CGA FRU)	CGA	Reassigned Non-Source	Non-Source	
ST	RVI/Barge	Seafar Vanguard (CGA FRU)	CGA	Reassigned Non-Source	Non-Source	
BR	RVI/Weir	British Tugboat (CGA FRU)	CGA	Reassigned Mobile	Mobile	
RB	RVI/Barge	Rebel (NRC Barge)	NRC	Reassigned Mobile	Mobile	
402	TV2	MSRC 402 Barge (Kimberly Cole)	TF Storage	On-scene	MC-252	
452	TV1	MSRC 452 Barge (Tara Crosby)	TF Storage	Standby	Ft Jackson	
570	TV1	MSRC 570 Barge (Crosby Clipper)	TF Storage	Standby	White Tail	
155	TV1	K-Sea DBL-155 (Rebel)	TF Storage	On-scene	MC-252	

Costner	TV1	Energy 8001(Superior Service)	Costner	TF Storage	On-scene	MC-252
Boom Boats						
Designator		Vessel	Assignment		Location	ETA
CC	WB2	Chanese G	Source	Standby	Venice	
SF	WB2	Sea Fox	Source	Standby	Venice	
BS	WB2	Betty G	Source	Boom tow	MC 252	
MSA	WB2	Ms. Addison	Source	Boom tow	Venice	
MSE	WB2	Ms. Addison	Source	Mechanical	Venice	
JN	WB2	Julienne Marie	Source	Standby	Venice	
SL	WB1	St. Ignace's	Source	Boom tow	MC 252	
HE	WB1	Harriet	Source	Boom tow	Enroute	
BE	WB1	Berta	Source	Boom tow	MC 252	
MM	WB1	Ms. Mary	Source	Boom tow	MC 252	
MA	WB1	Ms. Margaret	Source	Boom tow	MC 252	
BT	WB1	Bertie	Source	Boom tow	MC 252	
BT	WB1	Bertie	Source	Boom tow	MC 252	
SH	WB2	Sea Hawk	Source	Standby	Venice	
Crew/Re-supply						
ML	WB2	Mr. Leroy	Shuttle/Re-supply	Supply Run	Venice Based	
FO	WB2	Fox	Ampol Re-supply	Supply Run	Venice Based	
JP	WB2	Jean Perry (Drop Box)	Shuttle/Re-supply	Supply Run	Venice Based	
CS	WB4	Corissa Shane	Shuttle/Re-supply	Supply Run	Venice Based	
KL	WB2	Katie Lynn	Shuttle/Re-supply	Supply Run	Venice Based	
EV	WB2	Eveready	NRC Re-supply	Supply Run	Venice Based	
MW	WB2	Miss Wynter	NRC Re-supply	Supply Run	Venice Based	
BC	WB2	Ben Charamie	Shuttle/Re-supply	Supply Run	Venice Based	
Inland Barges						
331	TV3	Cenac 331 Barge	TF Storage	5,000 bbl open	Ft Jackson	
323	TV3	Cenac 323 Barge	TF Storage	21,000 bbl open	Venice	
324	TV3	Cenac 324 Barge	TF Storage	21,000 bbl open	Venice	
HM-3048	TV3	Higman 3048 Barge	TF Storage	Full	Enroute	Houston
HM-3049	TV3	Higman 3049 Barge	TF Storage	8,000 bbl open	Venice New Park	

Task Force	Vsl Name	Proposed Box to Operate	Future Plans	Notes / Current location
SUP	M/V Transporter; Date O/S: 25 May 0600R	General OP area	Support	14 nm NW of SW pass
SUP	Tug Angelica & T/B Valiant Date O/S: 25 May 2000S	General OP area	Arrive o/s: Lightering	14 nm NW of SW pass
SUP	Tug Clinton Cenac & T/B 2602 Date O/S: 28 May 1900R	N/A	Arrive o/s: Lightering	Moored Port Fourchon / Pump Issues
TFL	M/V Bumble Bee; Date O/S: 24 May 2000R	N/A	C/C On Scene	NO LOOP
IF1	M/V Ocean Guard; Date O/S: 24 May 10	E of SW Pass	Shoring	14 nm NW of SW pass
IF1	M/V Ocean Guard	E of SW Pass	Shoring	14 nm NW of SW pass
IF2	M/V Ocean Guard; Date O/S: 24 May 0600S	E of SW Pass	Shoring	14 nm NW of SW pass
IF2	M/V Ocean Guard; Date O/S: 24 May 0600S	E of SW Pass	Shoring	14 nm NW of SW pass
IF3	M/V Ocean Guard	E of SW Pass	Shoring	14 nm NW of SW pass
IF3	M/V Ocean Guard	E of SW Pass	Shoring	14 nm NW of SW pass
IF4	M/V Ocean Guard; Date O/S: 24 May	E of SW Pass	Shoring	14 nm NW of SW pass
IF4	M/V Ocean Guard; Date O/S: 24 May	E of SW Pass	Shoring	14 nm NW of SW pass
IF5	M/V NRC Admiral	E of SW Pass	Shoring	14 nm NW of SW pass
IF5	M/V NRC Admiral; Date O/S: 24 May	E of SW Pass	Shoring	14 nm NW of SW pass
IF6	M/V Rob Borden; Date O/S: 24 May 10	E of SW Pass	Shoring	14 nm NW of SW pass
IF6	M/V Rob Borden	E of SW Pass	Shoring	Fourchon, LA
IF7	M/V Shack Clipp	E of SW Pass	Shoring	
SUP	M/V Slap Shot	E of SW Pass	Support	
IF8	M/V NRC Re-supply	E of SW Pass	Shoring	
SUP	M/V Miss Lilly		Moored	Fourchon, LA
IF7	M/V HCS Natch	E of SW Pass	Shoring	
IF7	M/V HCS Natch	Loop	Shoring	Loop
IF8	M/V NRC Re-supply	E of SW Pass	Shoring	
IF8	M/V NRC Re-supply	E of SW Pass	Shoring	
IF9	M/V NRC Re-supply	E of SW Pass	Shoring	

QA/QC SMART REPORT

SMART Tier 1 Data Quality Assessment and Review

SMART Tier 1 data consists of observations summarized in an Activity Log (Unit Log (CS 214-CG) and pre- and post-application photographs and associated photo log of dispersant spray operations. This form documents the results of a preliminary quality assessment review of these documents.

Smart Air Team #: 1 Date: 6/19/2010

Operational Period: 20100619 0900 to 20100619 1530

Data Review (Check documents that were reviewed)

☒ Unit Log - CS 214-CG

☒ Photographs (How many reviewed? 10)

☒ Photo Log

☒ Dispersant Observation Reporting Form 30

Assessment (Check appropriate box(es))

☒ Concur with SMART observer findings (reasonableness of findings)

☐ Issues of note from data review. Briefly describe.

sea state minimal

☒ Dispersant is effective based on review of Activity Log, photographs, and photo log.

☐ Results inconclusive with respect to dispersant effectiveness.

☐ Other. Briefly describe.

Reviewed by Dispersant Assessment Group Member (Print name, sign, and date)

Name: Marie Bankins Signature: [Signature] Date: 6/17/10

Reviewed by NOAA SSC (Print name, sign, and date)

Name: CD Lavin Signature: [Signature] Date: 6.18.10

Freedhoff, Michal

From: Deepwater Horizon Response External Affairs [donotreply@deepwaterhorizonresponse.com]
Sent: Monday, June 21, 2010 8:28 PM
To: Freedhoff, Michal
Subject: The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

DATE: June 21, 2010 19:15:20 CST

The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill**Key contact numbers**

Deepwater

- Report oiled shoreline or request volunteer information: (866) 448-5816
- Submit alternative response technology, services or products: (281) 366-5511
- Submit your vessel for the Vessel of Opportunity Program: (866) 279-7983 or (877) 847-7470
- Submit a claim for damages: (800) 440-0858
- Report oiled wildlife: (866) 557-1401

The Ongoing Administration-Wide Response to the Deepwater BP Oil Spill

Prepared by the Joint Information Center

UPDATED June 21, 2010 7 PM

* For a full timeline of the Administration-wide response, visit the White House Blog.

PAST 24 HOURS**Admiral Allen Provides Operational Update on the BP Oil Spill Response**

National Incident Commander Admiral Thad Allen provided a briefing to inform the American public an administration-wide response to the BP oil spill. A transcript is available [here](#).

Administration Sends Third Bill to BP for \$51.4 Million

The Obama Administration today sent a third bill for \$51.4 million to BP and other responsible parties, responsible for all costs associated with the response to the spill, including efforts to stop the leak at it the shoreline and mitigate damages, as well as long term recovery efforts to ensure that all individuals made whole.

In order to provide full transparency of the ongoing efforts and to ensure that the American public is not response and recovery activities, the federal government bills BP and the other responsible parties responsible for the spill. The federal government has paid the first two bills in full—totaling \$70.89 million.

Secretary Salazar Swears In New Offshore Energy Management Leader

Secretary of the Interior Ken Salazar today swore-in former Justice Department Inspector General Michael Bromwich to strengthen oversight and policing of offshore oil and gas development. Bromwich will oversee the function of the Minerals Management Service, which was responsible for overseeing oil and gas development on the

A Secretarial Order signed by Salazar renames the Minerals Management Service the Bureau of Ocean Energy Management as it undergoes reorganization and reform.

NOAA Research Ship *Thomas Jefferson* Releases Initial Observations

The NOAA Ship *Thomas Jefferson* returned to Galveston, Texas, on June 11 from an eight-day research mission to map the distribution of subsurface oil from the Deepwater Horizon/BP oil spill. While initial observations found a small oil column, further analysis of water samples from *Jefferson* and the NOAA Ship *Gordon Gunter* is required.

NOAA continues to conduct a variety of research missions to study the impacts of the BP oil spill on the

government's ongoing effort to engage the best scientific minds to inform response and recovery efforts.

Federal and Local Officials Hold Open House Meeting for Louisiana Residents

As part of continued efforts to inform Louisiana residents on the BP oil spill response and available assistance, representatives from the Coast Guard, Fish and Wildlife Service, EPA and state and local governments today held their fourth open house meeting in Jefferson Parish.

Experts from the various agencies participating in the BP oil spill response were on hand to discuss a variety of topics with Parish residents—including the claims process, volunteer and contracting opportunities, environmental quality, worker safety and the various tools, equipment and strategies being used in the response. Previous meetings were held in Cameron Parish, St. Bernard Parish, and St. Mary's Parish.

NOAA Expands Fishing Restriction in the Gulf; More than 64 Percent Remains Open

As part of continued efforts to ensure the safety of seafood from the Gulf of Mexico and protect consumers, NOAA has expanded the closed fishing area in the Gulf of Mexico to capture portions of the oil slick moving beyond the current boundaries off the Florida panhandle and due south of Mississippi. The closed area now represents 86,985 square miles—approximately 36 percent—of federal waters in the Gulf of Mexico. This closure does not apply to any state waters. This leaves more than 64 percent of Gulf federal waters available for fishing. Details can be found at <http://sero.nmfs.noaa.gov/>.

Fish and Wildlife Continues Efforts to Recover and Rehabilitate Oiled Wildlife

The U.S. Fish and Wildlife is leading wildlife and habitat recovery efforts in response to the BP oil spill—which includes aerial and ground surveys to assess the damage and recover oiled or injured wildlife and rehabilitation centers, where animals are cared for in preparation for release into their natural habitat.

On Sunday, FWS released 38 brown pelicans and one tern at the Aransas National Wildlife Refuge and rescue and recovery teams responded to a total of 95 calls to the Wildlife Hot Line reporting oiled or injured wildlife along the Gulf Coast—including 25 in Alabama, nine in Louisiana, 20 in Florida, and six in Mississippi. To report oiled wildlife, call (866) 557-1401.

Successful Controlled Burn

In recent days, favorable weather conditions have allowed responders to conduct successful controlled burn operations. As part of a coordinated response that combines tactics deployed above water, below water, offshore, and close to coastal areas, controlled burns efficiently remove oil from the open water in an effort to protect shoreline and wildlife. In total, 255 burns have been conducted to remove more than 6.3 million gallons of oil from the water.

BP Continues to Optimize Oil Recovery Rates from its Leaking Well

Under the direction of the federal government, BP continues to capture some oil and burn gas at the surface using its containment dome technique.

In addition to the *Discoverer Enterprise*, which is linked by the riser pipe to the wellhead, and the *Q4000*, which continues to flare off additional oil and gas being brought up through the choke lines—a method that was also put in place at the government's direction.

Approved SBA Economic Injury Assistance Loans Surpass \$5.5 Million

SBA has approved 88 economic injury assistance loans to date, totaling more than \$5.58 million for small businesses in the Gulf Coast impacted by the BP oil spill. Additionally, the agency has granted deferments on 441 existing SBA disaster loans in the region, totaling more than \$1.96 million per month in payments. For information on assistance loans for affected businesses, visit the SBA's Web site at www.sba.gov/services/disasterassistance, call (800) 659-2955 (800-877-8339 for the hearing impaired), or email disastercustomerservice@sba.gov.

Administration Continues to Oversee BP's Claims Process

The administration will continue to hold the responsible parties accountable for repairing the damage, and repaying Americans who've suffered a financial loss as a result of the BP oil spill. To date, 66,825 claims have been opened, from which more than \$111.1 million have been disbursed. No claims have been denied to date. There are 720 claims adjusters on the ground. To file a claim, visit www.bp.com/claims or call BP's helpline at 1-800-440-0858. Those who have already pursued the BP claims process and are not satisfied with BP's resolution can call the Coast Guard at (800) 280-7118. Additional information about the BP claims process and all available avenues of assistance can be found at www.disasterassistance.gov.

By the Numbers to Date:

- The administration has authorized the deployment of 17,500 National Guard troops from Gulf Coast states to respond to this crisis; to date, 1,612 have been activated.
- Approximately 33,900 personnel are currently responding to protect the shoreline and wildlife and cleanup vital coastlines.
- More than 6,000 vessels are currently responding on site, including skimmers, tugs, barges, and recovery vessels to assist in containment and cleanup efforts—in addition to dozens of aircraft, remotely operated vehicles, and multiple mobile offshore drilling units.
- Approximately 2.51 million feet of containment boom and 4.04 million feet of sorbent boom have been deployed to contain the spill—and approximately 585,000 feet of containment boom and 2 million feet of sorbent boom are available.
- Approximately 24 million gallons of an oil-water mix have been recovered.
- Approximately 1.43 million gallons of total dispersant have been applied—959,000 on the surface and 468,000 subsea. More than 465,000 gallons are available.
- 255 controlled burns have been conducted, efficiently removing a total of more than 6.32 million gallons of oil from the open water in an effort to protect shoreline and wildlife.
- 17 staging areas are in place to protect sensitive shorelines.
- Approximately 173 miles of Gulf Coast shoreline is currently oiled—approximately 34 miles in Louisiana, 41 miles in Mississippi, 39 miles in Alabama, and 59 miles in Florida. These numbers reflect a daily snapshot of shoreline currently experiencing impacts from oil so that planning and field operations can more quickly respond to new impacts; they do not include cumulative impacts to date, or shoreline that has already been cleared.
- Approximately 87,000 square miles of Gulf of Mexico federal waters remain closed to fishing in order to balance economic and public health concerns. Sixty-four percent remains open. Details can be found at <http://sero.nmfs.noaa.gov/>.
- To date, the administration has leveraged assets and skills from numerous foreign countries and international organizations as part of this historic, all-hands-on-deck response, including Canada, Germany, Mexico, Netherlands, Norway, the United Nations' International Maritime Organization and the European Union's Monitoring and Information Centre.

Resources:

- For information about the response effort, visit www.deepwaterhorizonresponse.com.
- For specific information about the federal-wide response, visit <http://www.whitehouse.gov/deepwater-bp-oil-spill>.
- To contact the Deepwater Horizon Joint Information Center, call (713) 323-1670.
- To volunteer, or to report oiled shoreline, call (866) 448-5816. Volunteer opportunities can also be found here.
- To submit your vessel as a vessel of opportunity skimming system, or to submit alternative response technology, services, or products, call 281-366-5511.
- To report oiled wildlife, call (866) 557-1401.
- For information about validated environmental air and water sampling results, visit www.epa.gov/bpspill.
- For National Park Service updates about potential park closures, resources at risk, and NPS actions to protect vital park space and wildlife, visit <http://www.nps.gov/aboutus/oil-spill-response.htm>.
- For Fish and Wildlife Service updates about response along the Gulf Coast and the status of national wildlife refuges, visit <http://www.fws.gov/home/dhoilspill/>.
- For daily updates on fishing closures, visit <http://sero.nmfs.noaa.gov>.
- For information on assistance loans for affected businesses, visit the SBA's Web site at www.sba.gov/services/disasterassistance, call (800) 659-2955 (800-877-8339 for the hearing impaired), or email disastercustomerservice@sba.gov.
- To file a claim with BP, visit www.bp.com/claims or call BP's helpline at (800) 440-0858. A BP fact sheet with additional information is available here. Those who have already pursued the BP claims process and are not satisfied with BP's resolution, can call the Coast Guard at (800) 280-7118. More information about what types of damages are eligible for compensation under the Oil Pollution Act as well as guidance on procedures to seek that compensation can be found here.
- In addition, www.disasterassistance.gov has been enhanced to provide a one-stop shop for information on how to file a claim with BP and access additional assistance—available in English and Spanish.
- Any members of the press who encounter response personnel restricting their access or violating the media access policy set forth by Admiral Allen should contact the Joint Information Center. Click here for more information, including a list of regular embed opportunities.

For information about the response effort, visit www.deepwaterhorizonresponse.com.

Share

View this document online

June 19, 2010

Jim Watson
Rear Admiral, USCG
Federal On-Scene Coordinator

RE: Guidance on Subsea Dispersant Application

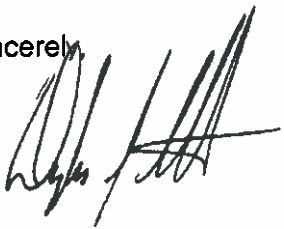
Dear Admiral Watson,

On June 8, you approved GoM Drilling, Completions, and Interventions – MC 252: Guidance on Subsea Dispersant Application Ops Note #3. You approved this plan through June 30, 2010. The plan defines a maximum application of dispersant subsea of 15,000 gallons per calendar day, consistent with the Dispersant Monitoring and Assessment Directive – Addendum 3 (the "Directive"). The Directive requires a formal application for an exemption should application rates greater than 15,000 gallons per calendar day be necessary.

Between 21:00 and 24:00 yesterday (June 18) very high VOCs were measured around the containment vessels Discoverer Enterprise (>300 ppm) and Q4000 (over 200 ppm). Subsea dispersant application was increased to 15 gallons per minute and has successfully reduced VOC level. If sustained application at 15 gallons per minute is required to maintain safe operating conditions, the 15,000 gallon per calendar day maximum will be breached.

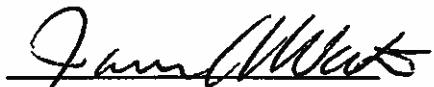
BP respectfully requests an exemption to the Directive's maximum daily application of subsea dispersant in the event that such application is required to maintain safe operating conditions. This exemption shall be for Saturday June 19, 2010.

Sincerely,



Douglas J. Suttles

Approval granted subject to the above:



Jim Watson
Rear Admiral, USCG

Date: 6-19-10

Rear Admiral Jim Watson

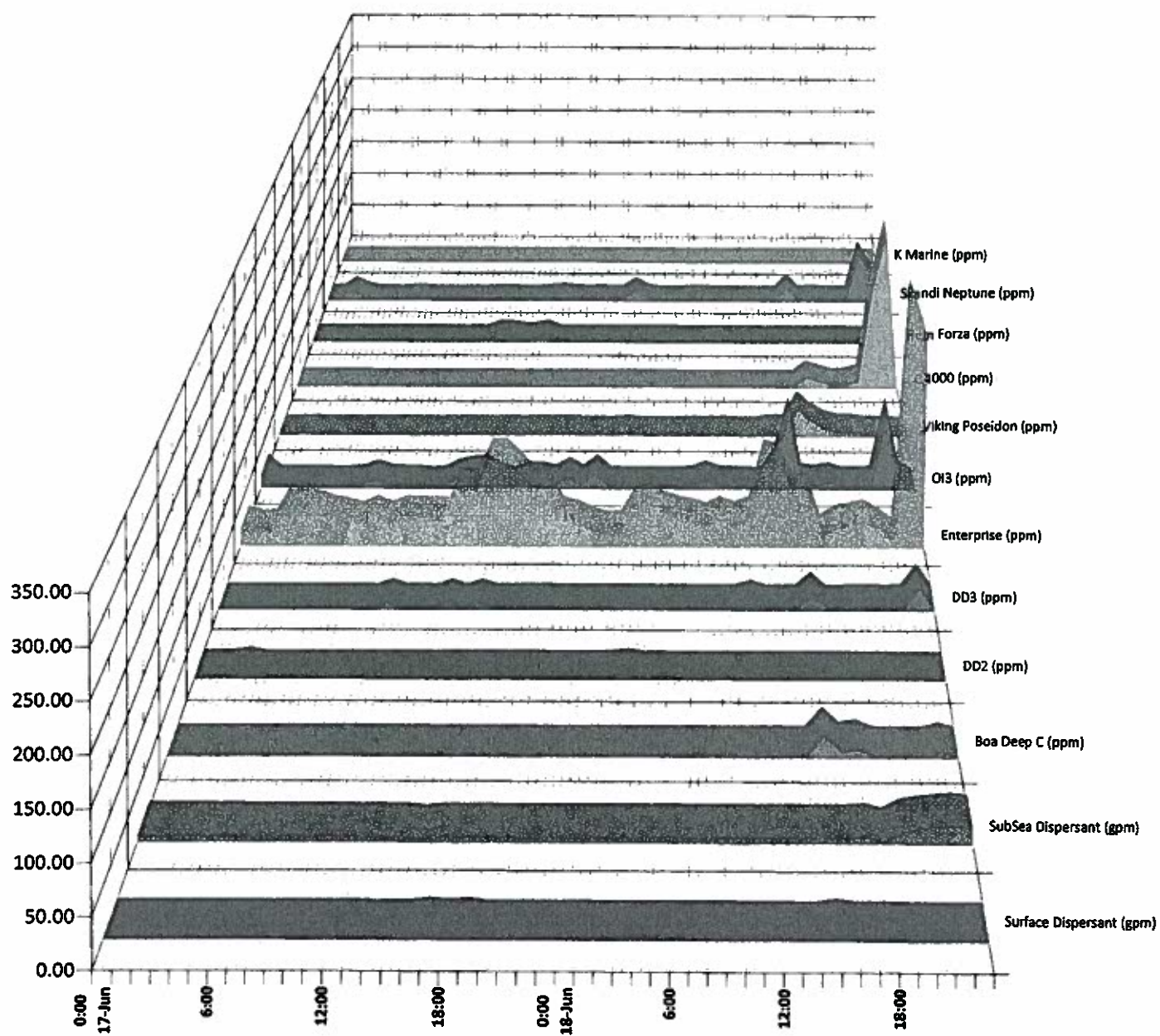
May 29, 2010

Page 2

Federal On-Scene Coordinator

6/19/2010

48 Hour Dispersant Application and VOC Chart





**Re: FW: Houma Unified Command - Sunday, June 20, 2010 - Aerial
Dispersant Utilization Request**

Ronnie Crossland to: Watson, James RADM

06/20/2010 09:45 AM

"Loebl, Gordon CAPT", James.A.Watson, "Perry, Raymond CAPT",
C/c "Nash, Roy RDML", Sam Coleman, "steve Lehmann", Steve Mason,
Gary Moore, R6 DWH REOC RIC, Craig Carroll, "Austin, Meredith

Admiral Watson,

I have reviewed the request and have consulted with EPA Region 6. We continue to look for an increase in mechanical recovery and oil containment at the wellhead and still await the schedule for increasing these capabilities. EPA concurred with an initial 5,000 gallons last night for aerial application on June 20, 2010. EPA is now concurring with the remainder of the request of 10,500 gallons which brings the total to 15,500 gallons for aerial dispersant application for June 20, 2010.

As mentioned in previous concurrences, EPA evaluates the entire picture when considering the use of dispersants. On June 19, 2010, approximately 23,000 gallons of dispersant (Subsurface and Source Area Surface application) were used to control VOC levels in the source area. EPA looks forward to reviewing the VOC trend data as part of our ongoing evaluation of the use of dispersants as a VOC control method.

As always, we look forward to continuing discussions on reducing surface application, eliminating subsurface application, and achieving 90% source recovery.

Thanks,
Ronnie

"Watson, James RADM"

Please review dispersant request for tomo...

06/19/2010 08:24:25 PM

From: "Watson, James RADM" <James.A.Watson@uscg.mil>
To: "Perry, Raymond CAPT" <Raymond.J.Perry@uscg.mil>, Sam Coleman/R6/USEPA/US@EPA,
Ronnie Crossland/R6/USEPA/US@EPA, "steve Lehmann" <steve.Lehmann@noaa.gov>
Cc: "Utsler, Mike J" <mike.utsler@uk.bp.com>, "Loebl, Gordon CAPT" <Gordon.A.Loebl@uscg.mil>,
"Nash, Roy RDML" <Roy.A.Nash@uscg.mil>
Date: 06/19/2010 08:24 PM
Subject: FW: Houma Unified Command - Sunday, June 20, 2010 - Aerial Dispersant Utilization Request

Please review dispersant request for tomorrow. Note special request for 5K gals tonight based on track record of reliable amounts of oil that will still be there from tonight's flight and wx problems when the missions are delayed.

JW

-----Original Message-----

From: mike.utsler@uk.bp.com [mailto:mike.utsler@uk.bp.com]
Sent: Saturday, June 19, 2010 6:44 PM
To: Watson, James RADM
Cc: Mutschler, Jackie C; Cavanagh, Ian; Keller, Luke; Charlie Huber; Laferriere, Roger CAPT; Austin, Meredith CAPT; coleman.sam@epa.gov; moore.gary@epa.gov; Rainey, David I
Subject: Houma Unified Command - Sunday, June 20, 2010 - Aerial Dispersant Utilization Request

Admiral,

Attached is the dispersant spray request for 20 June 2010. In line with our

normal routine, we will be sending up spotter aircraft at 0615 to re-assess the area and re-locate targets.

<<June_20_request_for_aerial_spray_operations_FINAL.doc>>

As you have probably noticed we are in a period of offshore thunderstorms which prevent us from adequately mapping the response area in the morning and reduces our ability to apply dispersants in the afternoon. This weather pattern and the delayed approval process also increases risk within our air operations as described in the attached review prepared by our aviation consultant. With the typical afternoon storms for this area we have only been able to spray a portion of the daily volumes authorized. For June 19th we were authorized to spray 16,400 g, but were only able to spray 2,604 gallons.

To improve safe air operations for this time of year, we propose that (based upon our request) the FOSC approve the night before a single flight from each base which would total no more than 5,000 gallons. This would allow the spotters to acquire and direct spray aircraft during the morning when we are experiencing fewer storms. While these aircraft are operating other spotters would more thoroughly map the response area and provide the complete report of slicks for the day. This updated report would be provided at about 0930 to the FOSC as we are currently doing. At that time the FOSC could set the final volume for the day.

<<SAFETY ASPECTS OF AERIAL DISPERSANT OPERATION IN SUMMERTIME.doc>>

Respectfully,

Mike Utsler

Captain Roger Laferriere

Houma Unified Command



June_20_request_for_aerial_spray_operations_FINAL.doc



SAFETY ASPECTS OF AERIAL DISPERSANT OPERATION IN SUMMERTIME.doc



**Re: FW: Houma Unified Command - Sunday, June 20, 2010 - Aerial
Dispersant Utilization Request**

Ronnie Crossland to: Watson, James RADM

06/19/2010 11:21 PM

"Loebl, Gordon CAPT", James.A.Watson, "Perry, Raymond CAPT",
Cc "Nash, Roy RDML", Sam Coleman, "steve Lehmann", Steve Mason,
Gary Moore, Crossland.Ronnie, "Austin, Meredith CAPT"

Admiral Watson,

I have reviewed the request and have consulted with EPA Region 6. EPA concurs with the special request for 5,000 gallons of dispersant to be available for use on June 20, 2010. We will evaluate the remaining balance of the request tomorrow morning. In addition, we will evaluate a path forward to ensure safe air operations.

Thanks,
Ronnie

"Watson, James RADM"

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06/19/2010 08:24:25 PM

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To: "Perry, Raymond CAPT" <Raymond.J.Perry@uscg.mil>, Sam Coleman/R6/USEPA/US@EPA,
Ronnie Crossland/R6/USEPA/US@EPA, "steve Lehmann" <steve.Lehmann@noaa.gov>
Cc: "Utsler, Mike J" <mike.utsler@uk.bp.com>, "Loebl, Gordon CAPT" <Gordon.A.Loebl@uscg.mil>,
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<<SAFETY ASPECTS OF AERIAL DISPERSANT OPERATION IN SUMMERTIME.doc>>

Respectfully,

Mike Utsler

Captain Roger Laferriere

Houma Unified Command



June_20_request_for_aerial_spray_operations_FINAL.doc



SAFETY ASPECTS OF AERIAL DISPERSANT OPERATION IN SUMMERTIME.doc

Freedhoff, Michal

From: Miller, Brian W [Brian.Miller3@bp.com]
 Sent: Monday, June 21, 2010 10:39 PM
 Subject: BP Gulf of Mexico Update: June 21st
 Attachments: Gulf of Mexico Oil Spill Response Update 6-21-10.doc
 Below you will find today's update--a Word version is also attached.

Please let us know if you have questions.

Thank you,

Brian Miller

BP's Washington, DC Office

Note: if you would like to be removed from this distribution list, please respond accordingly

<<Gulf of Mexico Oil Spill Response Update 6-21-10.doc>>

Gulf of Mexico Oil Spill Response Update

06/21/2010 – 9:00 PM EDT

BP is working as part of the Unified Command to accomplish three main objectives in the Gulf of Mexico:

1. Offshore - to stop the flow of oil on the sea floor;
2. Offshore - to minimize impacts of the spill on the surface; and
3. Onshore to protect and cleanup the shoreline, inform the public, and compensate impacted people.

Highlights

- 14,574 barrels of oil captured by the LMRP Cap on June 20.
- Q4000 drilling platform connected to valves on blowout preventer captured and flared 8,716 barrels of oil on June 20.
- Over \$111 million in claims paid as of June 21 – see State Summaries.
- Relief wells have drilled to 15,936 feet and 10,000 feet below sea level.

Offshore – Sea Floor

BP's priority is to contain the oil spill and complete relief wells to kill the flow.

Containment Recovery

- Lower Marine Riser Package (LMRP) Cap – 14,574 barrels of oil were captured through the LMRP cap during the past 24-hour. Total recovery from the LMRP Cap is 253,444 barrels to date. Oil and natural gas are being carried to the surface through a riser pipe and oil is being stored on the *Discoverer Enterprise*. The gas is being flared. 32.5 million cubic feet were burned on June 20.
- Q4000 Direct Connect to Blowout Preventer – This containment system, which is connected directly to the BOP and carries oil and gas through a manifold and hoses to the Q4000 vessel, flared 8,716 barrels of oil and 15.8 million cubic feet of gas on June 20. Because the Q4000 does not have storage capacity, it uses a specialized clean-burning system to flare captured oil and gas.
- Permanent Riser Systems – BP is bringing in two additional ships that will be connected to "permanent riser systems." These systems will be capable of quick disconnect/reconnect in the event of a hurricane. The first riser has been fabricated and is being installed. The second riser is in the design stage. More information can be found under "Technical Update" on BP's website at: <http://www.bp.com/sectiongenericarticle.do?categoryId=9033572&contentId=7061710>

New Technical Update slides - June 18th:

http://www.bp.com/liveassets/bp_internet/globalbp/globalbp_uk_english/incident_re

Dispersant injection on the sea floor – dispersant use at the subsea leak source continues, with approximately 13,695 gallons applied on June 20.

Drilling Relief Wells

Drilling continues on both wells. They are situated approximately one-half mile from the Macondo well and will attempt to intercept the existing wellbore at approximately 18,000 feet below sea level. Once intercepted, the Macondo well can be killed via a "bottom kill" by pumping heavy mud and cement into the wellbore. It is estimated the total drilling process for

each well will take at least 90 days from the start date.

- The first relief well (work being performed by the *Development Driller III*) is at approximately 16,000 feet below sea level. Drilling began on May 2.
- The second relief well (work being performed by *Development Driller II*) is at approximately 10,000 feet below sea level. Drilling began on May 16.

Offshore – Surface Response

Skimming Vessels – Over 400 skimmers designed to separate oil from water are deployed across the Gulf. Over 571,000 barrels of oil-water mix have been recovered and treated.

Surface Dispersant – 19,576 gallons of dispersant were applied on the surface yesterday.

In-Situ Burning – 5 burns were conducted in the last 24-hour period. More than 150,000 total barrels are estimated to have been consumed through burns.

BP Environmental Monitoring Program – As part of the response effort, several ongoing sampling and monitoring programs have been implemented based on the type of impact or location and trajectory of the spill. Monitoring and sampling programs are being conducted for:

- air quality
- water quality
- water column sampling
- submerged oil, and
- worker health.

Sampling data can be found at: <http://www.bp.com/sectiongenericarticle.do?categoryId=9033821&contentId=7062498#>

Interactive Mapping Websites – BP has developed an Interactive Mapping Tool meant to provide a one-stop shop for detailed near-real-time information about the response to the Deepwater Horizon BP oil spill. The tool integrates the latest data on the oil spill's trajectory, fishery closed areas, wildlife and place-based Gulf Coast resources, locations of oiled shoreline and other data points. The BP mapping tool is located at: <http://www.gulfofmexicoresponsemap.com>. The U.S. Government has also created a mapping tool that is located at: www.GeoPlatform.gov/gulfresponse.

Spill Response Technology and Offers of Services or Products –

- BP is receiving approximately 5,000 suggestions per day on innovative ways to stop the flow of oil or contain the oil spill. Our team of engineers is reviewing these as quickly as possible. To submit alternative response technology, or offer services or products, call (281) 366-5511, or go online at: www.horizonedocs.com. After forms are received they are reviewed by a team of technical and operational personnel who assess need, technical feasibility and application.
- The U.S. Government has also issued a general call for submission of white papers that cover: oil sensing improvements to response and detection; oil wellhead control and submerged oil response; traditional oil spill response technologies; alternative oil spill response technologies; and oil spill damage assessment and restoration. That announcement can be found online at: https://www.fbo.gov/index?s=opportunity&mode=form&id=6b61794c96642c8b03fc9e0c3083eb&tab=core&_cview=1

Onshore – Shoreline Protection and Funding

Boom Update – Nearly 2.7 million feet of containment boom are deployed or assigned across the Gulf with 768,000 feet in staging areas. More than 4 million feet of sorbent boom is deployed with 2 million feet in staging areas.

Volunteers and Training – Volunteers are being trained in five different modules that range from safety for beach clean-up, to wildlife monitoring, handling of hazardous materials and vessel operation for laying boom. Information about training can be found at www.deepwaterhorizonresponse.com under "volunteers."

State Specific Websites

- Alabama: www.alabamagulfresponse.com
- Florida: www.floridagulfresponse.com
- Louisiana: www.louisianagulfresponse.com
- Mississippi: www.mississippigulfresponse.com

Onshore – Claims

More than \$111 million in claims paid – BP has paid \$111.2 million to residents along the Gulf Coast for claims filed as a result of the oil spill in the Gulf of Mexico. BP has issued more than 34,400 checks in the past seven weeks in response to about 66,800 claims to date. A 1,000-member claim team is working around the clock to receive and process claims. There are 33 field offices set up in the States of Louisiana, Mississippi, Alabama and Florida, and BP is accepting calls through an 800 number as well as accepting applications online. The average time from filing a claim to checks being issued is 4 days for individuals and seven days for more complex business claims that have provided supporting documentation. BP's commitment is to move expeditiously and fairly to meet the needs of the residents of the Gulf Coast.

Filing Claims – The contact number for claims is (800) 440-0858. In person claims can be filed at office locations listed below. Claims can also be filed online at: www.bp.com/claims. Note: No person asserting a claim or receiving payment for interim benefits will be asked or required to sign a release or waive any rights to assert additional claims, to file an individual legal action, or to participate in other legal actions associated with the Deepwater Horizon incident.

State-by-State Claims Summary as of June 21

Alabama Counties	Claims Paid
Mobile	\$12,854,216
Baldwin	\$5,450,265
Monroe	\$103,000